

See next
page 73-262

SIO73-262

State or Country: off west coast Guatemala Field No. MV 73-I-42
County: _____ Map: NO 21023, 1972
Locality: South of Champico 29.5 miles NO 21026, 1971
Lat location from Reference Buoy
Lat. 13°48.4 N., Long. 92°00.9' W.
Water: oceanic
Vegetation: _____
Bottom: _____
Cover: _____ Temp.: _____
Shore: _____ Current: _____
Dist. offshore: 26.5 nautical miles Stream width: _____
Depth of capture: surface Depth of water: 61 fathoms
Collected by Miguel A. Huerta D. & Ernesto A. Jurado S. for
Fidei Carl L. Hubbs, on "Alexander Agassiz" Date: IV:12:1973
Method of capture: dip net under light at night
Orig. preserv.: 10% buffered formalin Time: between 0141 and 0217 CST

7 prejuvenile and juvenile mullets (Mugil)

Carl L. Hubbs

40 Mugil sp. 7()

Confusion
with numbers
see page 73-262

SI073-262

State or Country: off west coast of Guatemala Field No. MV 73-I-43
County: Map: {21023 (NO), 1972
Locality: south of Champereca, over {21026 (NO), 1971
very deep part of Middle America Trench
DR Est. fur Lat. $13^{\circ}09.9'$ $13^{\circ}11.4'$ N, Long. $92^{\circ}03.0'$ W. *
Water: oceanic to lat. $13^{\circ}13.0'$ N, Long. $92^{\circ}04.6'$ W.
Vegetation: somewhat dirty blue $92^{\circ}03.8'$ W

Bottom: _____
Cover: Surface Temp.: $87^{\circ} \rightarrow 88.2^{\circ} \text{ F}$ (3° C)
Shore: Current: bucket thermometer
Dist. offshore: $60 \rightarrow 57$ nautical miles Stream width: _____
Depth of capture: estimated to 80 m Depth of water: $3220 \rightarrow ? \rightarrow 3220$ fathoms
Collected by Carl L. Hubbs & party on SI073/V Alexander Agassiz
Tide: on cruise 7303-G Date: IV:12:1973
Method of capture: 10-ft. Tracis-Kidd Midwater trawl; meter-net end
Orig. preserv.: 10% buffered form. Time: 1428-1705 hrs. CST

Programmed and administered by Robert L. Wifner,
as follows: continuous operation handling wire
at 110 m/min, out to 240 m, wire out, then back
until net bundle shows, then repeat, 10 times.
total Object, to keep net above the oxygen-minimum
level. Changed to 5 cycles because of salps
appearing at surface.

Caught > 5 gal. of salps and other jellies (1
5-gal. container preserved)

great nos. of Caranx ysg., a few very
small ones, mod. nos. of leptocephali
of eels and prejuvenile Pleuronectiforms,
1 tiny Sphyrna and a fantastic
Tubularia larva; & other yg. stages, all
apparently of shore fishes.

MV 73-I-43 repeated in attempted
reciprocal direction after dark, to
see if there are any midwater fishes
that come to surface waters (to 80 m.) in the
MV 73-I-44.

* Early morning position but ship may have
drifted; partly DR; but
approximation at apparent
noon (1205) $13^{\circ}00.9' \text{ N}$,
 $92^{\circ}03.0' \text{ W}$.
Carl L. Hubbs

12 of the young specimens of Caranx examined by
Dr. Britton and Mr. Moser in separate plastic
bags in bottle - Ident. plates are needed

Cont-over

All of the young of Caranx (plus
1 silvery Selar crumenophthalmus
were put in 2 ~~1 qt glass~~ one-gallon
plastic jars; all other fish in a
1 qt glass jar.

3 L. 14.

Yesterday on moving out (southward)
to the trench schools of small fish
seen by day were likely young
jacks (Caranx). Either we encountered
a tremendous school this day, or,
more like the reason many were
taken by day, is that the schools
break up at night (explaining the
almost complete, if not totally,
complete lack of capture on the
reverse haul (RV 73-E-44) taken
on the following night.

57 Fistularia corneta

~~2~~ 2 (62-73)

42 Caranx caballus

12 (43-61)

26 Ophichthidae (lepto.)

2 (52-105)

26 Muraenidae (lepto.)

13 (50-67)

42 Caranx caballus

18 (48-103)