

SIOT3-249

State or Country: off México Field No. MV73-I-29  
 County: off west coast Map: NO21020, 1971  
 Locality: southeasterly from Morro de Papanoa

Length of drag, 4.1 nmi (Lat. 17°06.0' N., Long. 101°01.5' W.)  
 Water: clear, blue To 17°06.5' N., 100°58.0' W.  
 Vegetation: — 072' 59.8' W

Bottom: swirling fathogram  
 Cover: — Temp.: 25.0 - 25.3° C (thermograph)  
 Shore: — Current: some  
 Dist. offshore: 7.0 - 7.5 naut. miles Stream width:  
 Depth of capture: upper layer, to est. 50m, Depth of water: ca. 400 - 600 fm.  
 Collected by Robert L. Wisner and party (led by E. L. Hubbs), on SIO  
 Vessel: R/V Alexander Agassiz Date:  
 Method of capture: 10-ft Isaacs Kidd Midwater Trawl; meter-net cord end.  
 Orig. preserv.: 10% buffered form, Time: 1905 - 2320 hrs MST

Large mass of "jellies"; many species of invertebrates

Bregmaceros, yg - hl-gr, predominates; many  
 Leptocephali, a several species; very few  
 Myctophids and Vinciguerris; a considerable  
 number of other fishes, largely but not wholly  
 young stages of inshore bottom fishes. A  
 one-gallon plastic jar largely filled with  
 fish. "Jellies" largely filled a 5-gal can.

Winch operated continuously to 240 m wire out, back to  
 sight of swivel, then repeat over and over; all at  
 10 m/min (10 passes).

Designed to keep about 0.2-minimum layer  
 Contrast intended with MV73-I-27  
 (within that layer); and contrast is  
 most striking.

and L. Hubbs

\* Constituting the great bulk of the catch.

(over) 26	<del>Gorgasia obtusa</del>	1	( ) L
26	<del>Gorgasia punctata</del>	2	( ) L
26	Paraconger californiensis	13	(105-165)
26	Taenioconger digueti	ca. 10	L
26	Hildebrandia nitens	115	(80-120)
26	Taenioconger digueti	huge swarm	L
26	Ariosoma gilberti	13	(81-172) <del>ca. 9</del> L + meta
26	Taenioconger canabus	2	(85.9-102.3) L
26	Ophichthidae <del>larvae</del> (lepto.)	46	(46-137)

25	Myctophum aurolateratum	3 larvae
8	Albula vulpes	6 (leptocephali)
10	Idiacanthus antrostomus	2 (41-46)
32	Chaetodon humeralis	1(29)
62	Bregmaceros bathymaster	787 <sup>(13-17)</sup> <del>14-16</del>
• 26	Heteroconger sp. (lepto.)	<del>1(23)</del> 2 → 3 (63-78)
25	Lestidiops neles	5 <del>3</del> <sup>(27)</sup> (47-51)
25	Benthoosema panamense	2 (33.5-49)
25	Diaphus pacificus	1 (17)
10	Vinciguerria lucetia	289(14-50) <del>1(17) + 33(14-17)</del>
25	Scopelarchoides nicholsi	8 (18-27.5)
25	Synodus sp (larvae)	7 (16-20)
26	Nettastomatidae (lepto.)	6 (82-115)
26	Muraenidae (lepto.)	11 <del>7</del> (54-71)
44	Bothidae (larva)	1 (29)
31	Scopelogadus bispinosus	1 (12)
10	Bathophilus filifer	1 (20)