

State & Country: off. W. coast of Baja California, Mex. Field No.: 510 66-30

County: _____ Map: H.O. Chart 0623, 1963

Locality: SE and E of Isla Guadalupe ^{+ Topog. Chart 123, 1964}

Lat. $28^{\circ}42.0'$ to $29^{\circ}04.0'$ N., Long. $117^{\circ}57.0'$ to $117^{\circ}57.8'$ W.

Water: very clear and blue until after 0419 hrs.

Vegetation: _____

Bottom: mostly flat (1786-1915 fathoms until after 0419 hrs.)

Cover: _____ Surface Temp.: $15.5-16.5^{\circ}\text{C}$. (thermograph).

Shore: rocky Current: _____

Dist. offshore: 13.5-19.5 naut. miles Stream width: _____

Depth of capture: estimated 10- _____ m Depth of water: 1570-1915 (see above)

Collected by Carl L. Hubbs, Robert L. Wisner, Alan J. Stover, and party, on ^{PISR}
Date: 11: 4-5: 1966

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

Orig. preserv.: 10% buffered formal. Time: 2150-0508 PST Cod and

Run in part to check bottom for bottom trawling.

MV66-I-25

See over for log.

Invertebrates

1 5-gallon can with one large medusa, more intact than usual.

1 1-gallon jar full of miscellaneous invertebrates.

1 4-oz. jar of plankton obtained by straining all washings through cod-end of meter-net.

Fishes

1 1-gallon jar full of fishes.

1 4-oz. jar of very small or special fishes.

Carl L. Hubbs

8	<i>Talismania bifurcata</i>	1(95.5)
10	<i>Sternoptyx diaphana</i>	1(51.5)
10	<i>Danaphos oculatus</i>	5(20-37)
25	<i>Neoscopelarehoides dentatus</i>	1(29.5)
26	<i>Cyema atrum</i>	1(121)
61	<i>Melanostigma pammelas</i>	1(66)
25	<i>Scopelendys tristis</i>	1(113)
25	<i>Ceratospelus townsendi</i>	17(26-48)
25	<i>Diodenichthys atlanticus</i>	1(21)
25	<i>Hierops crockeri</i>	2(16)
25	<i>Lepidophanes pyrosobolus</i>	1(22)
25	<i>Myctophum nitidulum</i>	3(48-56)
25	<i>Parvilux ingens</i>	1(101)
25	<i>Triphoturus mexicanus septentrionalis</i>	2
		223(19-66)

25	<i>Rosenblattichthys volucris</i>	1(27)
26	<i>Nemichthys larseni</i> PARATYPE	1(390)
25	<i>Lampanyctus niger</i> <i>Nannobranchium</i>	5(33-53)
	DISCARDED (disintegrated) <i>hawaiiensis</i>	
25	<i>Lampanyctus</i> sp.	1(28)
10	<i>Stomias atriventer</i>	2(156-218)
10	<i>Photonectes</i> sp.	1(149)
10	<i>Argyroleleucus hemigymnus</i>	6(16-32)
10	<i>Argyroleleucus lychnus</i>	2(21-45)
10	<i>Argyroleleucus sladeni</i>	2(14-23)
10	<i>Argyroleleucus affinis</i>	7(38-67)
10	<i>Idiacanthus antrostomus</i>	2(66-241)
25	<i>Lepidophanes longipes</i>	1(32)
10	<i>Vinciguerria nimbaria</i>	54(21-39)
10	<i>Vinciguerria poweriae</i>	1(19)
31	<i>Scopelogadus m. bispinosus</i>	4(22-76)
31	<i>Scopeloberyx robustus</i>	1(54)
31	<i>Melamphaes longivelis</i>	1(34)
31	<i>Poromitra crassiceps</i>	2(19-44)
9	<i>Bathylagus wesethi</i>	22(18-89)
26	<i>Serrivomer sector</i>	1(518)
10	<i>Cyclothone acclinidens</i>	253(22-56)
10	<i>Cyclothone atraria</i>	7(43.5-61)
10	<i>Cyclothone signata</i>	32(12-28)
8	<i>Holtbyrnia latifrons</i>	1(14)

MV 66-I-251 Midwater Trawl Log
 IV: 4-5:1966 CS 000°T START AT 28°42.0'N, 117°57.0'W.

ACTUAL TIME RANGE	SCHEDULE	LAYING OUT TO MAXIMUM m W D (5500)	DEPTH (minimum to maximum)	PDR RANGE	REMARKS
2150 - 2320	HOLD AT 5500	m W D for 15 minutes	1900	1915	
2320 - 2334	HOLD AT 5500	"	1900	1900	
2334 - 2349	HAUL IN TO 5000	"	1900	1900	
2349 - 0004	HOLD AT 5000	"	1900	1900	
0004 - 0019	HAUL IN TO 4500	"	1888	1900	INCREASE SPEED TO 400 RPM.
0019 - 0034	HOLD AT 4500	"	1882	1892	
0034 - 0049	HAUL IN TO 4000	"	1867	1882	
0049 - 0104	HOLD AT 4000	"	1847	1867	
0104 - 0119	HAUL IN TO 3500	"	1846	1868	Bottom rising
0119 - 0134	HOLD AT 3500	"	1846	1874	
0134 - 0149	HAUL IN TO 3000	"	1826	1874	
0149 - 0204	HOLD AT 3000	"	1872	1874	
0204 - 0219	HAUL IN TO 2500	"	1865	1872	Bottom still rising
0219 - 0234	HOLD AT 2500	"	1815	1872	
0234 - 0249	HAUL IN TO 2000	"	1858	1872	
0249 - 0304	HOLD AT 2000	"	1856	1870	
0304 - 0319	HAUL IN TO 1500	"	1794	1890	Called Reelman
0319 - 0334	HOLD AT 1500	"	1790	1890	Bottom irregular
0334 - 0349	HAUL IN TO 1000	"	1786	1894	"
0349 - 0404	HOLD AT 1000	"	1786	1796	"
0404 - 0419	HAUL IN TO 500	"	1646	1716	"
0419 - 0434	HOLD AT 500	"	1570	1664	"
0434 - 0508	HAUL IN TO SURFACE IN	15 minutes			
END POSITION: 29°04'N, 117°57.8'W.					
0444 - 0456	Holding at 100 mwd until manpower arrives to bring in net.				

(FATHOMS)