

MV65-I-15
SI065-201

State & Country: Baja California Norte, Mexico Field No. ~~SI 65-202~~
County: _____ Map: Topographic Chart I, 1964
Locality: Cedron Trench, west of Gale Cedron +40 Chart ~~120~~ 613
Pellett Channel V. 10 (1963)
(From: Lat. $28^{\circ} 00' T$ N., Long. $116^{\circ} 14.9'$ W.
Water: clear, blue To: Lat. $27^{\circ} 57.2'$ N., Long. $116^{\circ} 01.3'$ W.
Vegetation: _____ Course $105^{\circ} T$

Bottom: _____
Cover: _____ Temp.: _____ (rather rough)
Shore: _____ Current: moderate or strong
Dist. offshore: 30-36 n. mi. from West San Pedro Id.
Depth of capture: est 300-0 m. (600-0 m. wire out) Stream width: _____
Depth of water: -2220 fathoms
Collected by Robert L. Wisner & party on MV Exped. (Hunts) (P.D.R.)
Tide: et. al. on R/V Horizon Date: VI. 13. 1965
Method of capture: Polyknotted-welby, no-closing Trawl (Kidd mid-trawl)
Orig. preserv.: 1:10 buffered form. Time: 17.08 - 20.07 P.D.T.

Object: as before (on ~~mid-trawl~~ trawling trial) to we attempt to sample strong deep-scattering layer showing on P.D.R. bathogram.

377 gal. catch
822 fish
~~377~~

Most nos. of Euphausiidae and siphonophores explain the extremely thick deep and rather dense D.S.L. on P.D.R. Various other invertebrates in smaller no. Considerable no. of crustaceans handled for sorting for Dr. Bodnar (Kamys).

Fish comprised mostly yg. Sebastodes of more than one species, sev. Atherinid type yg. 1 micrustom. larva, a few light fish (Vinciguerra). Seemingly water mass was disturbed in large part from Pellet Channel Vinciguerra.

Import the trawl was stopped, as follows: 600 m. W.O. out held for 50 min. 550 through 250 m. W.O. each held for 15 min. From 250 m. in the cable wire was slowly brought to the surface, without stops.

Carl L. Hubbs

~~* Microspethodon dorsalis~~ 3(66-81)

10 Vinciguerria nimbaria 6(27-45)

64 Microstomus pacificus 1(38)

53 Sebastes spp. 10(6-29)

*Gift to UCLA VIII:66

MV 65-I-16

State & Country: Baja California Norte, México. Field No. 510 65- (No no.)
 County: Map: Topog. Chart I, 1964
 Locality: Cedros Trench, close to east escarpment, + HO Chart 1310 (rev. 1962)
 west of Killeet Channel
 Lat. ~~27~~ 27° 59.4' N N., Long. 115° 54.4' W W.
 Water: clear, blue ~~fast~~ ~~1000~~
 Vegetation:

Bottom: flat silt floor, but near rocky escarpment
 Cover: Temp.: (thermograph)
 Shore: Current:
 Dist. offshore: 25 naut. mi. (from W. San Benito Id.) Stream width:
 Depth of capture: near bottom Depth of water: 24 1/2 fathoms (PDR)
 Collected by Allan J. Storer and party on SIO MV cruise a Horizon (Hubb. et al.)
 Tide: Date: VI:13-14: 1965
 Method of capture: free vehicle set line, vertical set, 71 hooks, squid bait
 Orig. preserv.: Time: 2330 - VI:13 to 1000 - VI:14 PDT
 *With 2 hagfish traps, baited with thawed
 herring and "Chum Oil Lure"

2330 ~~1100~~ radar sinko
 14:VI:65 at 1000: abandon attempt to locate
 set line. No recovery. Heavy swells
 and strong winds.

Paul L. Hubbs

MV 65-I Bathymetry Run on Horizon

June 13 and June 14, 1965

Start

June 13 2348 Course 179° T

27° 58.2' N 115° 52.8' W

1. June 14 0158 Course 059 T

27° 31.7' N 115° 58.7' W

2. June 14 0439 Course 294 T

27° 48.0' N 115° 26.0' W

3. June 14 0611 Course 291 T

27° 55.3' N 115° 42.0' W

4. June 14 0715

27° 59.0' N 115° 54.8' W