

State or Country: Baja California (state), Mex. Field No. S10 66-537

County: Map: 1105195 14: 13, 1965

Locality: W. of Bahia Descanso (west coast)

Water: overall on bottom, ca. 32° 05.2' to 32° 03.3' N, Long. 117° 16.2' to 117° 09.2' W.
oceanic 117° 14.0' to 117° 13.7'

Vegetation: midpoint 32° 04.6' 117° 12.7'

Bottom:

Cover: Surf Temp.: 26°C (thermograph)

Shore: rocky Current:

Dist. offshore: naut. mi. Stream width: (small 728-680; trawling 710-680 fathoms) GDR

Depth of capture: bottom Depth of water: 710-680 fathoms

Collected by Hubbs, Applegate, Wisner, Stovner, Blackman, McConnaughey, and Calhoun Date: XII: 8: 1966

Tide: Method of capture: 40-ft. otter trawl (small 1415-1720)

Orig. preserv.: 10% form. Time: {bottom? - 1455-1545 (P.S.T.)}

12 large *Coryphaenoides* + the 1 *Anoploporoma* frozen

MV 66-III-7

Hauled up extremely gently, even slopes

1415 net over 728 fathoms

1417 32° 07.0' N, 117° 16.2' W. fath.

1423 32° 05.4' N, 117° 14.3' W 4000 m WO Depth 728 fath.

1505 net seems to be on bottom. May be on bottom

1510 wire vibration stopped - laying out 200 m more WO

1517 32° 04.8' N, 117° 13.1' W. 692 fath.

1540 start haul-in 32° 04.4' N, 117° 12.4' W. 682 fath.

1720 net aboard 32° 02.1' N, 117° 09.2' W. 680 fms

Depth hauling probably 710-680 fath.

Large catch of invertebrates and mod. no. of fishes.

Applegate took blood samples but no fish, from large *Coryphaenoides*, and from *Astiionna*, *Sebastes altivelis*, large *Bothrocara*(?) - label in mouth.

XII: 8: 1966 On temporary return to S10 H ad. *Anoploporoma* was given to Dr. Elmer Noble for parasite study.

Carl L. Hubbs.

- Artimora rostrata* 5(310-390) disc. 17 Oct '67
~~teeth~~ teeth removed for A. Longinelli
- Coryphaenoides acrolepis* 4(540-795) disc. 17 Oct '67
 teeth removed for A. Longinelli
- 8 *Alepocephalus tenebrosus* 1(249)
- 62 *Coryphaenoides acrolepis* 7(265-410)
- 61 *Lycodapus fieraster* 6(84-123)
- 56 ~~*Paraliparis* sp.~~
Rhinoliparis attenuatus 1(93)
- 53 *Sebastolobus altivelis* 32(38.5-200)
- 61 *Bothrocara brunneum* 1(123) + 1(C+S)
- 61 *Bothrocara* ^{*molle*} ~~*remigerum*~~ 4(210-420)
- 31 *Scopelogadus mizolepis bispinosus* 1(50) discard

State of ~~California~~ ^{off California} Field No. ~~51066~~
(near ~~boundary~~ ^{division} of U.S.-Mexican line) Map: HO 5196, 1939
Locality: S. of Cortes Bank

Lat. $32^{\circ} 21.5'$ N., Long. $119^{\circ} 11.8'$ W.

Water: clear, oceanic

Vegetation:

Bottom:

Cover:

Temp:

Shore:

Current:

Dist. offshore: 7.0 naut. mi. (Bishop Rock)

Stream width:

Depth of capture: bottom

Depth of water: 340 fath. GDR

Collected by Shelton P. Applegate (with Hubbs, Wisner, Stever,

Tide: Dackins, McConnaughey, & Calhoun) Date: XII: 9-10: 1966

Method of capture: ~~ca. 70 m set line with 22 two-length baskets*~~
Orig. preserv.: ~~collection lost~~ ^{collection lost} Time: 2200 XII: 9 → 0945 XII: 10 PST

~~MV 66-III-8~~
MV 66-III-8

*baited with fresh sablefish and frozen squid, with large wire trap, 2' x 3', 3' high, with 1 funnel; 1/4" mesh; weighted with 5-lb weight; 15 lb concrete block at vane at opposite end of line. Trap baited with sablefish guts and bonits inside a minnow trap of 1/4" screen and with hunk of bonito, one whole sablefish, and 6 squid loose in large trap. Vane at each end; line to surface float and radar screen on pole.

2200 hr start set 357 fathoms
2211 trap end in 340 "
2235 ~~radar buoy over~~ weight on bottom 330 fath.
2237 radar buoy over 320 fathoms
2239 position from bridge $32^{\circ} 21.5' N, 119^{\circ} 11.8' W$.

XII: 10: 1966

0848 Starting retrieval
0945 Recovery failure: first trap too loose (too weak bridle), after ca 30 Eptatela deani broke out and swam away; probably several hundred were in trap. The cord used to attach vane broke and rest of gear went down to "deep six". Line secured to tan been laid out untangled. (likely drifted)
Position at recovery $32^{\circ} 15.0' N, 119^{\circ} 14.0' W$ (on recovery)
Depth 410 fath. Carl H. Hubbs