

State & Country: Baja California (sbt), México Field No. SI069-227
 County: _____ Map: H0 5184, 1st ed., 1966
 Locality: off outer coast, W of Punta Santa Tomas
 * Lat. 31° (29.0-35.5) N, * Long. 116° (43.8-53.3) W.
 Water: oceanic - clear & blue
 Vegetation: _____

Bottom: mostly irregular

Cover: _____ Temp.: _____

Shore: rocky Current: _____

* Dist. offshore: 4.3 - 9.9 naut. mi. Stream width: _____ m.

Depth of capture: bottom * Depth of water: 30 - 657 fath.

Collected by Carl L. Hubbs, Ronald B. McCannaghay, Douglas F. Hoare,
and party, on SIO R/V Elta B. Scripps Date: IV-9-1969

* Method of capture: Free-vehicle set-line / trap combination

* Orig. preserv.: formalin; * Time: set IV:9 1942 - 2134 PST
fish IV:10

MV 69-IV-4 A to F

* Details below.

set lines all horizontal; books on 2A

SUB-STATION No. (each set)

	A	B	C	D	E	F
TIME						
start ^{IV:9}	1940	2023	2047	2108	2120	2134
Finish ^{IV:10}	0810	0725	(LOST)	0945	1000	1155
DEPTH, m.						
(GDR) fath.	657	407	233	115	64	30
LAT. N	31° 35.3'	31° 31.7'	31° 30.7'	31° 29.2'	31° 29.0'	31° 29.2'
LONG. W	116° 53.3'	116° 49.8'	116° 47.5'	116° 45.5'	116° 44.9'	116° 43.8'
Bottom	locally flat	very rough	sloping	sloping	sloping	just over
Naut. mile						
offshore	9.9	7.2	5.7	5.1	5.0	4.3

FIELD NOTES ON CATCHES, etc.

MV 69-IV-4A: Baited dragon traps Squid bait m. hole PLASTIC 3-ch. MINNOW TRAP LINE
(next to vane) (at water)

④ Eptatretus deani adults 3 ad, 6 lg. ad. —

Myxine circifrons 13 yf-ad 2 ad. —

54 Angelopsis fimbria (large) — 1 ad. 9 ad.

62 Coryphaenoides acrolepis — — 9 ad.

H.L. mm: 68, 130, 140, 141, 142, 143, 147, 151, 153

Sablefish not eaten by hagfish. Lengths (SL): 504, 507,

523, 536, 537, 555, 583 mm. Not saved

Coryphaenoides acrolepis: all large. Some eaten by
sablefish and/or hagfish. Otoliths saved, with

Hagfish all preserved in formalin.

Field Data Sheet: Fish-2m-12-55 (B3022s) 997

* Set next to vane.

(OVER)

FIELD NOTES ON CATCHES (Cont.)

MV69-IV-4B.

- (4) Eptatretus deani: adults; roughly equally from plastic minnow trap, and 3-chambered trap; just filled a 5-gallon liver can (without water). Two as light as stoutii, but with the low prebranchial-pore count of deani; at least one strongly piceus.

- (54) Anoplogomna fimbria: medium to largest adults, 2 in 3-chambered trap, 16 on line (not counting 2 that dropped off. Saved to be smoked by Capt Newbegin. Standard lengths: 445, 449, 450, 453, 465, 469, 499, 505, 508, 510, 512, 519, 532, 555, 559, 578, 582, 591 mm.

Line was tangled together about traps.

MV69-IV-4C. LOST. Despite search until 1315 hrs. On first arriving near site of setting a Mexican purse seiner was there, and left for the north, possibly with our gear aboard. However, it came up at 1115, also very late, and surface when we were one mile away.

MV69-IV-4D

- (4) Eptatretus stoutii: 115 small to medium-large adults, all in the 3 chambered trap (the plastic minnow trap attached just before the vane caught nothing.

- (53) Sebastes miniatus: 1 large adult, on line. Ground color yellow. Frozen.

- (57) Anoplogomna fimbria: 10 adults, on line, which was tangled together. Standard lengths: 431, 434, 436, 442, 460, 463, 476, 478, 493, 499 mm.

(NOTES FOR 4D cont.)

MV 69-IV-4 (cont.)

FIELD NOTES ON CATCHES (cont.)

MV 69-IV-4E

Amphipods from bonito bait in ~~minnow~~ trap;
Isopod attached to Cephaloscyllium.
preserved in formalin.

④ Eptatretus stoutii: 22 (153-265)

In plastic minnow trap: 18 young to adult.

In ~~5-gal. can~~ ^{5-gal. can} trap: many medium to large adults.

The two sets combined.

⑤ Cephaloscyllium uter: 1 ad. ♂

Rhinotriakis henlei: 1 imm. ♂, 1 imm. ♀,
1 ad. ♀

Squalus suckleyi: 1.

All sharks frozen.

⑤③ Sebastes rosenblatti: 2 adults

(1 largely eaten by hogfish, but saved for possible skeletonizing).

All sharks and rockfish frozen

Plastic minnow trap next vane; 5-gal. can trap at opposite end, next radar pole

MV 69-IV-4F

Radar screen + flag appeared belatedly suddenly at 1155 hr. The one 5-gallon live-can trap set at the radar-screen end was recovered with a short stretch of line severed by shark (a second 5-gal can trap had been attached next the vane).

The one trap recovered contained a series of Eptatretus stoutii.
(End of field notes for 4F) Spill. Hubb.