

SIO70-9 thru SIO70-18

State or Country: of NW Baja California Field No. 5
 County: Map: NO. 5184 rev. VI, 1969
 Locality: Southeastern fanning-out of Patton Escarpment
 From: Lat. 30° 57.8' N, Long. 119° 00.0' W.
 To: Lat. 31° 23.0' N, Long. 118° 43.8' W.
 Water: very clear and blue
 Vegetation:
 Bottom:
 Cover: Temp.:
 Shore: Current:
 Dist. offshore: 101 → 83 naut. mi. (from main land)
 Depth of capture: bottom (except N. Prionace) Depth of water: 1920-246 fath. *
 Collected by C. L. Hubbs, R. L. Wisner, R. P. McConnaughey, G. D. R.
 Tide: & part on SIO RV Melville Date: XII: 16-17-1969
 Method of capture: Free Vehicle lines with trap - 10 sets
 Orig. preserv.: Time: 1846 - 1320* hrs. PST

MV69-VI-5

* See below

5A { 101 naut. mi. offshore
 Hours 1846-0715 1920 Fathoms
 On line: Est. 31° 56.8'; 118° 22.2' 30° 57.8'; 119° 00.0' Loran
 5. Prionace glauca: 1 yg ♀, used for brain work.

In trap: 3 chambered
 Octopus, many fine mezoan parasites
 taken by Hochberg. Photographs.
 One amphipod (saved).

5B { 97 naut. mi. offshore
 Hours 1948-0810 1652 Fathoms
 No fish on line 31° 25.3'; 118° 55.7' Loran
 Series of amphipods saved from trap
 3 chambered trap

5C { 95 naut. mi. offshore
 Hours 2016-0855 1492 Fath.
 On line: 31° 07.8'; 118° 54.0' Loran
 62. Coryphaenoides abyssorum: 1 frozen for
 Phleger and for specimen. Taken on
 10th hook from bottom

In trap: 3 chambered.

Record depth 4. Eptatritus deani: 1 spec. saved. rather small.
 Many amphipods saved

MV 69-VI-5 cont.
93 naut. mi. offshore 2031 Loran $31^{\circ} 10.0'$; $118^{\circ} 52.6'$
5D { Hours 2030-0925, 1380 Fath

In line: ⁶²Antimora; 1 ad. on hook # 15
from top. In freezer for Phleger and
specimen

62. Coryphaenoides acrolepis: 1 ad
near record depth, Frozen for Phleger

Three-chambered specimen hopefully to be saved in
In trap: a few amphipods (saved) ^{large part (near record depth)}

61. Sycopterus sp. nov.: 3 juv. ad., hardened
in field, rather variable in ground
color; color photos taken by Jensen
(with one for me) and by Oteru

91 naut. mi. offshore
5E { Hours. 2054-1000 1065 Fath Loran $31^{\circ} 12.0'$; $118^{\circ} 51.0'$

On line Prionace glauca: 1 ad, used by S.D. Stoll. boys

62. Coryphaenoides acrolepis: 6 lg. ad.,

On hook from top no. 7, 13, 16, 19, 25, 28

Largest spec. frozen for collection

2 spec. frozen for Phleger

Otoliths taken from other 3, ^{fish} then discarded*

Plastic trap empty

88 naut. mi. offshore Loran $31^{\circ} 16.5'N$;
5F { 2128-1051 Hours 860 Fath $118^{\circ} 47.8'$

5. Prionace glauca: 1 ^{89.8} used for brain work

62. Coryphaenoides acrolepis: 15 adults +
1 lost at surface. Otoliths from 15; fish
then discarded*

Trap empty, plastic

1 Prionace swimming nearby

* Head lengths saved with
otoliths. Cont.

SI070-9 thru SI070-18

MV69-VI-5 cont.

{ 86 naut. mi. offshore } 2152 - Loran $31^{\circ}19.0'N$; $118^{\circ}46.0'W$.

5 G. Hours 2153 - 1122

695 Fath

5. Paronace glauca : 1 nearby in water

62. Coryphaenoides acrolepis : 12 ad.

Plastic trap empty.

{ 85 naut. mi. offshore

5 { 14. 2207 - 1155 Hours

580 Fath

2206 - $31^{\circ}20.6'N$; $118^{\circ}44.9'W$.

On line.

Loran

62. Coryphaenoides acrolepis : 8 ad.

on hooks from top 5-6, 17, 19, 21, 22,

24, 25. Otoliths taken and discarded;

head lengths kept with otoliths.

In plastic trap.

4. Eptatritus leani : 3 lg. spec.,

kept alive in cold room.

{ 84 naut. mi. offshore } Loran $31^{\circ}21.8'N$; $118^{\circ}43.7'W$.

5 I { 2225 - 1245

390 Fath.

54. Anoplopoma fimbria : 4 ad.

on hook from top #23, 27-29.

2 used for cardiac studies by Jensen. All put in cold room.

St. L. 556m, 565, 591, 635.

Plastic trap empty.

Over.

MV69-11-5

83 naut. mi. off shore Loran 31° 23.0; 118° 42.8
 5 J Hours 2239-1320 246 Fall

On line no fish caught; no
 bait lost.

In three chambered trap

4. Eptatretus leani : series blk gr

Do ael. kept alive in cold room

Red crabs and amphipods saved.

Positions on recovery of FV set A-J,

Time	star fix	Loran	31° 57.9	118° 58.3
A 0608	star fix		31° 57.9 N	119° 08.0 W
B 0713	star fix	2486	31° 02.0	118° 56.5
C 0807	Loran	2486	31° 04.8	118° 55.1
D 0851	"	2493	31° 06.9	118° 53.4
E 0918	"	2495	31° 09.0	118° 51.4
F 0953	"	2517	31° 13.5	118° 48.1
G 1045	"	2529	31° 15.8	118° 46.0
H 1122	"	2529	31° 17.2	118° 45.0
I 1150	"	2532	31° 19.1	118° 43.8
J 1243	"	2538	31° 19.8	118° 43.3

These positions probably represent some southward
 drift, but Mate Jeffery Clark thinks these may
 represent more closely the actual position of set,
 because of definite fix on either side.

Richard S. Lee took no specimens from MV69-11-5. (C.L. & L.C. Hubbs.)