

State or Country: Baja Calif

SIO No.: SIO 69-228

County:

Station:

Locality:

Map:

1

Lat. 32°(05.6-08.2) N., Long. 117°(03.8-13.0) W.

Water:

Vegetation:

For Details see original

Bottom:

DATA Sheet

Temp.:

Sal.:

Current:

Dist. offshore:

Tide:

Depth of capture:

Depth of water:

Collected by

Time:

Method of capture:

Orig. preserv.:

Date:

4 Eptatretus deani

3(378-480)

4 Eptatretus deani

4(~~378~~ 384-483)

4 Eptatretus stoutii

5(307-408)

State & Country: Baja California (state), México Field No. SI069-228

County: Map: HO 5184, 1st ed., 1966

Locality: off outer coast, off Bahía Descanso (SW of bay)

* Lat. 32° (05.6' - 08.2') N, Long. 117° (03.8' - 13.0') W.

Water: oceanic - clear and blue.

Vegetation:

Bottom: variable

Cover: none

Shore: rocky

Thermometer, at 2030 h. 15.10: 15.5°C surface (bucket)

Current:

* Dist. offshore: 8.7 - 12.4 naut. mi. Stream width: - m.

Depth of capture: bottom * Depth of water: 91 - 727 fath.

Collected by Carl L. Hubbs, Ronald R. McConnaughey, Douglas F. Voese

and party, on SIO R/V Ellen B. Scripps Date: 11:10-11:1969

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

* Orig. preserv.: * Time: 1854 - 2028 11:10 PST

MV 69-IV-5, A to F

* Details below.

All sets horizontal; hooks as for 2A *

SUB-STATION No. (each set)

TIME	A	B	C	D	E	F
start	1854	1907	1922	1943	1958	2028
finish	1015	0600	0530	0850	0655	0745
DEPTH, fath.	154	54	91	333	513	727
meters						
LAT. N 32°	05.6'	05.9'	06.0'	06.25'	06.3'	08.2'
LONG. W 117°	03.8'	04.4'	05.4'	07.5'	09.4'	13.0'
Bottom	steep	rolling, muddy	moderate, steep	steep	irregular	steep, nearly flat
naut. mi.						
offshore	8.7	9.0	9.7	11.0	11.8	12.4

HORIZONTAL SETS | VERTICAL

FIELD NOTES ON CATCHES, etc.

Squid bait on hooks; bounts in traps.

MV 69-IV-5A: Apparently arose near us at (see also map station report) about 1000 hrs.

(4) *Gstateris*: many in 5 gallon can trap set close to main weight; plastic minnow trap (set next to can) was chock-full. All stoutii - 205 counted ab. 2000 hrs.

(54) *Anoplopoma fimbria*: 3 on hooks near trap. Most of bait remaining. discarded. Standard lengths: 479, 561, 592 mm.

Continued - over

MV 69-IV-5 Field notes (cont.)

MV 69-IV-5 B

Seen by radar at 0430

→ 4 Eptatretus McCONNAUGHEYI PARATYPES 14 (185-400)

Amphipods - series picked up one of the rockfish

(Sebastes miniatus) caught on set-line

~~Eptatretus albocinctus: 1 yg. + several adults in plastic trap; 11 in 5-gallon trap~~

④ Eptatretus stoutii: 1 yg. + several adults in plastic trap (set next to vane); kept with ^{many} several adults in 5-gallon can trap (set next to main weight)

⑤ Hypnolagus colliei: 1 small adult (?) ♀, on hook.

→ 4 Eptatretus McCONNAUGHEYI (non-type) 3 (305-415)

⑤3 Sebastes chirostictus: 1 half grown, on hook; largely eaten by hagfish; discarded.
Sebastes miniatus: 4 adults; 2 largely eaten by hagfish; all discarded.

MV 69-IV-5 C

Seen by radar at 0430

④ Eptatretus stoutii: series of adults from 3-chambered trap at weight end (none in innermost trap though the bait was largely consumed); ^{this} plastic trap secured next to vane caught nothing.

⑤3 Sebastes miniatus: 4 large adults.

The largest, tape-measured as ca. 24 inches overall, was very bulky and peculiarly colored. It was photographed in color by ^{Winn} Montgomery (under strong light) and frozen (others discarded). Sooty greenish speckling and light streak along lateral line, and bright orange streaks on outer part (but not margin of D₂ rays much more conspicuous than others; but the pinkish yellow ground reticulum was almost wholly obscured.

Photograph
received

4 Eptatretus McCONNAUGHEYI 1 (433)

rolls continued on
next, plain sheet

MV 69-IV-5 Field notes (cont.)

MV 69-IV-5 D deani 9999() discard

- ④ Eptatretus ~~stoutii~~ deani: small to medium + very few large; 3 in plastic minnow trap set next to ramp, others in 3-chambered trap by main weight.

- ⑤④ Anoplopoma fimbria: 18 medium to large adults; 1 in 3-chambered trap; others on hooks (counting from top ca 100 m off bottom): 1, 3, 5-10, 13, 16, 17, 19, 23, 27-30. Bait removed from hooks 2, 11, 12 (hook lost), 14, 15, 18, 20-22, 24-26. Bait left on hooks, 4, 476, 478, 478, 491, 492, 498, 527, 550, 561. Standard lengths: 394, 444, 453, 457, 458, 458, 476, 478, 478, 491, 492, 498, 527, 550, 561.

MV 69-IV-5 E

Vertical set-line.

- ④ Eptatretus deani: 222, in 3-chambered trap (only one used). About 10-15 piebald; some a bit paler, but not like stoutii. Saved 2 fresh most strongly piebald and 1 large adult apparently with large eggs. 3(378-400)

- ⑤④ Anoplopoma fimbria: 2 in 3-chambered trap and 16 on line (nearly all on upper hooks. None eaten by hags despite great number of hags in trap. Standard lengths: 475, 491, 502, 515, 515, 517, 527, 527, 527, 533, 535, 541, 542, 546, 548, 555, 572, 611.

MV 69-IV-5 F - see over

Vertical set-line.

(over)

MV 69-IV-5 F Apparently, rose at 0745.

2 parasite eggs from gill skin + Coryphaenoides

④ Myxine circifrons: 8 adults.

4 Eptatretus deani: ~~4384-4423~~ 4 adults.

⑤④ Anoplopoma fimbria: 3 adults, 1 in

trap, 2 on line. Two measured,
552 and 576 mm. S.L. One other

floated to surface.

Catch by hooks, from top: nos. 13 and 28;
no. 13 had section of body, neatly bitten off,
presumably by a shark.

62. Coryphaenoides acrolepis: 15
adults; otoliths saved with
accompanying head lengths.

Taken on hooks numbered from top:

1, 3, 6, 8, 9-13, 18 (small adults); all
others large, 20, 21, 24, 29-31.

Bait had been removed from hooks
number 4, 5, 7, 9, 10, 15, 22, 25.

Bait remained only on hooks 16, 17, 19, 23,
26, 27. H.L. mm.: 112, 140, 140, 143, 149, 155, 155, 156,

158, 158, 163, 165, 166, 168, 174.

Carl H. Hubbs.

5A(cont.) The great delay was perhaps due to failure
of weight by name to be released. The
magnesium link bore signs of having been
submerged in mud and had not parted.
Similar circumstance occurred once, and
earlier set in this trip looking
bouancy was enough to lift one
concrete block at it.