

State or Country: off central California Field No. SIO 67-108
County: Map: C&GS 5402 ed. 8, 1963
Locality: in offing of Monterey Bay, SW. of Santa Cruz
Lat. $36^{\circ} (50.7' - 48.3')$ N., Long. $122^{\circ} (07.3' - 03.5')$ W.
Water: coastal in appearance
Vegetation:

Bottom: extremely flat
Cover: probably none
Shore: sandy
Dist. offshore: 6.8 - 8.5 naut. miles
Depth of capture: bottom
Depth of water: 54-55 fath. (GDR)
Collected by SIO expedition on R/V "Thomas Washington"
(C. L. Hubbs, R. L. Wisner, R. R. McConnaughey, et al.) Date: VI. 12. 1967
Method of capture: 41-ft. semiballoon Martinovich otter trawl
Orig. preserv.: Time: ~~1449~~ 1449 - 1557 (PST)

MV 67-II-13

Holding 1501 - 1533 "
34:1 scope (330m WD)

Speed 3 kn. Course 127°T

Ronald R. McConnaughey in charge of operation

Large catch. Many used by Mary Pritchard and
Raphael Payne in parasite study.

All fish counted by species:

- | Swag | Species | Count | Notes |
|------|--------------------------------|----------------------------|--------------------------------------|
| 47 | <i>Zalembius rosaceus</i> | 14 ad. | |
| 53 | <i>Sebastes paucispinus</i> | 3 | (210-281) |
| | " <i>gruber</i> | 3 | (168-183) |
| | " <i>craner</i> ? | 1 | (137) |
| | " <i>elongatus</i> | 6 | (186-235) |
| 54 | <i>Anoplopoma fimbria</i> | 1 ygn H. gr. | |
| | <i>Ophiodon elongatus</i> | 5 ygn - H. gr. | |
| | <i>Zanclus latipinna</i> | 1 ad | (intestine taken for parasite study) |
| 60 | <i>Parichthys notatus</i> | 45 ygn. - ad. | |
| | <i>Citharichthys sordidus</i> | 124 lg. ygn. - ad. | |
| | " <i>stigmaeus</i> | 144 H. gr. - ad. (dwarfed) | |
| | <i>Lysopsetta exilis</i> | 8 H. gr. - ad. | |
| | <i>Eupsetta jordani</i> | 8 H. gr. key lg. ad. | |
| | <i>Parophrys vetulus</i> | 82 H. gr. - ad. | |
| | <i>Microstomus pacificus</i> | 41 lg. ygn. - ad. | |
| | <i>Glyptocephalus zachirus</i> | 75 H. gr. - ad. | |

(over)

Saul H. Hersh

over

MV 67-II-13 (cont.)

Collection in 1 5-gal. can of invertebrates
~~at~~ 5-gal. can of fishes.

Some frozen for parasite work
retained?

64 Citharichthys sordidus	156(50-170)
54 Ophiodon elongatus	1(240)
64 Microstomus pacificus	4(76-173)
47 Zalembeius rosaceus	14(95-145)
64 Lyopsetta exilis	3(145-175)
54 Anoplopoma fimbria	1(314)
54 Zaniolepis latipinnis	1(176)