

State or Country: California

Field No. 452-39

County: _____

Map: _____, 1

Locality: Outer Santa Barbara Channel, midway between San Clemente and Santa Catalina Ids., due N. of N end of San Clemente Id. Lat. $33^{\circ} 10.4 \rightarrow 12.0'$ N., Long. $118^{\circ} 31.5 \rightarrow 35.0'$ W.

Water: clear, cool, salt

Vegetation: none

Bottom: _____

Cover: _____

Temp: _____

Shore: rocky

Current: _____

Dist. offshore: _____

Stream width: _____

Depth of capture: est. 375-466 fath. Depth of water: 662-682 fath.

Collected by M.V. "Horizon" (Hubbs, Allen, Kidd, Widner & party)

Tide: _____

Date: IV: 1: 1952

Method of capture: 18' beam depressor midwater

Orig. preserv.: 10% form + borax Time: 1804-2044 PST (net hauled at depth, 1840-1942)

IV: 1-2: 1952

Hauled by $1\frac{1}{2}$ " cable on high A-frame.

LOG: 1804 - net over, paying out slowly. Meter net attached by shackles to cable, held by tackle holding bridle of big net. Fathometer reads 660 fath. 1840 1100 meters cable out; 30 R.P.M. Secured. 1850 To 40 R.P.M. (angle 38° , est. depth 375-~~400~~ fathoms) 1913-1923 Wire out increased to 1500 meters. 1926 wire angle 32° ; depth est. 440 fathoms. [Computations by Robert R. Widner] 1939 34 $^{\circ}$ wire angle; est. depth 466 fathoms. 1942 started hauling in nets. 2044 Nets aboard.

1 2-qt. jar (fishes + 1 pelagic octopus young + invertebrates)
+ 1-qt. jar invertebrates from mid-water tow.
1 1-qt. jar plankton (+ a few fishes) in meter net.

Carl E. Hubbs

TS. R. 83
6:57

- 9 Leuroglossus stilbius Gilbert 2Ad (70-76)
- 10 Cyclothone acclinidens Garman ⁴² 3549-Ad (20-55)
Idiacanthus antrostomus Gilbert 1HG (122)
Cyclothone signata Garman 10HG-Ad (24-33)
- ~~25 B Lampanyctus sp. 2(22-33)~~
- 25 Diaphus theta Eig. & Eig. 849-Ad (22-43)
~~Lampanyctus leucopsarus (Eig. & Eig.) 512Ad (20-72)~~
Lampanyctus ritteri Gilbert ~~3149 (23-52)~~ + 2(22-37)
L. mexicanus (Gilbert) 449-HG (26-43) missing
- 31B* Scopelogadus mizolepis 1Ad (90.7)
~~Melanphaea bispinosus (Gilbert) 1HG (46.4) CPM 1/14/55~~
~~Melanphaea cristicops Gilbert 1Ad (99.4) 1(67.8)~~
+ Melanphaea lugubris Gilbert 1Ad (99.4) 1(67.8)
? M. cavernosus Chapman 1Ad (67.8) - Counts & meas taken 8/26/55
- 53 Sebastodes 149(22)
- 61 Melanostigma pammelas Gilbert 4ad; 90-100 mm.
- 64 Flatfish larvae
Citharichthys stigmæus Jordan & Gilbert 2larv. (26-30)
Reidenti feed VIII: 26: 1955
A. W. Ebeling
- 25A Stenobranchius leucopsaurus 7 ~~2(67.8-79.0)~~ ³¹
- 31A Poromitra crassiceps frontosus 1(46.4)

* Counts & measurements taken VIII: 26: 1955
A. W. Ebeling

The specimen of bispinosus has some proportions
in common with M. mizolepis (e.g. head length).