

State or Country: California Field No. H53-227
County: San Diego Map: USCGS 5101, 1945
Locality: San Diego Trough, off Pt. Loma

Lat. $32^{\circ}35'15'' \rightarrow 32^{\circ}32'40''$ N, Long. $117^{\circ}28'45'' \rightarrow 117^{\circ}28'00''$ W.

Water: salt
Vegetation: none

Bottom: green mud
Cover: none Temp.:
Shore: sand + rock Current:
Dist. offshore: 13-14 sea miles Stream width:
Depth of capture: bottom* Depth of water: 660-665 fathoms
Collected by S.D. M.V. "Horizon" (Hubbs, Wain, Walke, Ransport, & Gault)
Tide: Date: XII:12:1953
Method of capture: 5' diving (scoop) dredge (Gooss-Kiel)
Orig. preserv.: 10% form + 60% Time: 0905-1130 (dredging)
Date: 27.1954

* A few may have been taken on haul in, as this was no closing device.
Investigations except 2 badly mutilated squid, 1 small + 1 pouter (see on final field sheet), and 1 very starfish.
3 ophiurians, and 2 shrimps taken by Santa Barbara College group. All but sand (2 to Santa Barbara group).

9. Leuroglossus stilbius Gilbert: 1 yg + 1 ad.; 31-43 mm; likely caught on way up.

To R. Gibbs (fish)
E. 23:1154
44.
25. Lampanyctus leucopsarus (Eigenmann & Eigenmann): 2 ad., 66-77 mm.

63. ^{lobus}Sebastes alascanus Bean: 2 ad., 251-252 mm. S.L. agreeing with Gilbert's 1915 discrimination, except that 1 has anterior paracipital spine very weak + disrupted. Counts taken: (Note also rather difference in jaw and any dentition)

Sebastes altivelis Gilbert: 12 yg. - ad. 53-193 mm.
+ 1 ad. to Santa Barbara College.

62. Nezumia diolepis (Gilbert): 1 ad. 285 mm.

Antimora microlepis (Zinniker): 12 hys. 138-160 mm.
Spec. to U.S.A. # 29:564 + given to Santa Barbara College.

Carl L. Hubbs.

Haul 7

12-XII-53 H53227

Dredge # 2

1 kt. made good.

0905 Start down.

Mean course 165°

Depth of water 645 fms. Course 190°

0930 Dredge down. Depth water 660 fms

0950 Bottom contact uncertain. On ant
to 2200 m. Screwtums 40

1000 2200 m wire out

1020 x 52°

1025 Screwtums down to 35°

1035 Screwtums raised to 40

1045 ~~45°~~ 45°

1110 Depth has been steady at 665 fms.

1130 Dredge in

32° 35' 15" N 117° 28' 45" W

32° 32' 40" N 117° 28' W

XII:17:1953 The 2 mollusks (other than
squid) - 1 scallop + 1 snail -
regarded for Calif. Acad. Sci.
(taken up personally by J. H. H.)

G. Dallas Hanna reports XII:25:1953:

"You gave me a bottle with two shells when you
were here. The little bivalve is Pecten
(Delectopecten) arces Dall and the gastropod
is Turricula bairdi Dall. Both are deep
water forms and consequently are
rarely taken by collectors."