

State or Country: California

Field No. H 52-43

County:

Map: U.S.C.G.S 5202, 1952

Locality: Santa Barbara Channel, SW of Santa Barbara

10 mi.

"Course 297° true" Lat. 34° 12.0 - 13.5' N., Long. 119° 41.5 - 46.0' W.

Water: clear, salt

(Positions obvious of e.g. gun by navigator, corrected to check with depth)

Vegetation: none

Bottom: mud (from chart)

Cover: none

Temp.:

Shore: mostly rocky

Current:

Dist. offshore: 9 mi.

Stream width:

Depth of capture: bottom (open net) Depth of water: 130 + 121 + 138 fathoms

Collected by MV "Horizon" (Hubbs, Allan, Kidd, Sieperwald, Wilner)

Tide:

Date: IV: 3: 1952

Method of capture: 5' scoop dredge (Isaacs-Kidd 1952 model)

Orig. preserv.: 10% form. + borax Time: 0815-

IV: 3: 1952

Log: 0815, dredge started down Fathometer, 137

Course 297° true

0827 131 fath. (fathometer)

0835 120 " 24° wire angle 600 meters out

Increased 0841 to 600 meters, 119 fathoms Angle 24°

Cable tension .5 to 1.0 ton (fathometer)

0858 121 fathoms 3/4 - 1 ton load, 25°

cable angle (fathometer)

0912 121 fathoms (fathometer)

0927 123 "

0943 136 "

Bottom has been very even

0958 142 (fathometer) (Surely off bottom)

1010 Net in.

Large haul; many shrimp

Carl L. Hubbs

16-Oct-1960 1 ♀ Raja ~~innomata~~ ^{thina} removed
returned 28 Feb 1963 by R. Ishiyama

See over for specimen list

5A	<i>Hydrolagus colliei</i>	4(450-583)
6A	<i>Raja rhina</i>	1(466 T.L.)
53A	<i>Sebastodes saxicola</i>	36(94-179)
* 53B	<i>Sebastodes diploproa</i>	18(71-155)
* 64A	<i>Microstomus pacificus</i>	5(218-277)
64B	<i>Lyopsetta exilis</i>	79(101-185)

** 2(259) exchange to Nielsen, Copenhagen.

* 1(155) gift to Lab. Ichth., Zool. Inst., Leningrad