

State or Country: California

Field No. 451-230

County:

Map: U.S.G. & G.S. 5028, 1935

Locality: Catalina Harbor, Catalina Island, just to
seaward of 451-227

Lat.

N., Long.

W.

Water: clear, salt

Vegetation: Macrocyrtis and encrusting coralline algae

Bottom: rocky, steep

Cover: steep rock ledge, many small crevices, few large crevices

Shore: steep, rocky

Temp:

Dist. offshore: to 35 yds.

Current: none

Depth of capture:

Stream width:

Depth of water: 35-50'

Collected by Conrad Limbaugh + party

Tide:

Date: 11/25/1951

Method of capture: derrick deepwater poisoning

Orig. preserv.: 10% formalin + borax

Time: Poisoning begun at 0735.

No record of No. of containers

finished at 0755.

13 gal container sorted.

left at 1015.

More fish left on bottom than yesterday.
Gorgonium corals predominating. Sea urchin
Centrochryx, Sea cucumber, Stichopus, starfish
Linckia, Heteractis in little patches of
sand.

5 Cephaloscyllium ventriosum 1 (egg case)
(344)

5A Cephaloscyllium uter: 1 hl. gr. caught by
hand, not affected by poison. On bottom,
preserved

6 Skate egg: 1 preserved on bottom

6 (130-201)

35A Paralabrax clathratus: 1 hl. gr. - ad., taken
at surface. 3 hl. gr. discarded in area.
Laboratory 1 ad. eaten. Had Chromis
in stomach. Sebastes eggs in stomach of
one preserved spec. (5 preserved, 44 in 20 min)

47. Embiotoca jacksoni: 1 ad. taken at surface

Brachyistius frenatus: 1 yg. taken, seen
all the way down 1 (52)

Phanerodon furcatus: seen from surface
to bottom, none taken

48A Chromis punctipinnis: very many. Heavy
kill due to large school in poison area

Chromis largely at surface; a few on bottom.
Many taken by sea gulls. 10 & discarded on Orca.
One 4 1/2" female full of ripe roe, California Poppy
orange color. ~~100 preserved 46 to 103 mm~~ 99(50-104)
 $+ 21(49-115) = 120(49-115)$

Hypopops rubicunda: seen on bottom
among rocks. Not taken

50. Oxyulis californica: Seen from Surface to
bottom. Not taken

50A Pimelometopon pulchrum: saw large adult, not
taken. 3 Juvs. 57-209mm. ~~1/2 gr.~~ One hl. gr.
eaten, had piece of Chromis and lobster in
stomach. Juveniles taking cover in Gorgonian
~~coral~~ coral, as yesterday. Specimens up to
8 1/2" occasionally showed characteristic
juvenile color; black spot & yellow stripe.
3(181-242)

51. Medialuna californiensis: Seen in midwater,
but not collected.

53A Scorpaena guttata: Several ² small adults taken
from surface to bottom; preserved. 2(187-200)

Sebastes atrovirens: seen toward surface.
1 yg. taken. 87mm. Saw adult toward bottom.

Sebastes mystinus: 1 yg. ab. 2" long, seen
at bottom, took refuge in rock crevice.

53B Sebastes serripes: several taken, bottom
to surface. ~~1 yg, 109mm~~ 3(109-236)

Sebastes serranoides: yg. seen at near
surface, but not taken.

55A Arteidius ^{corallinus} ~~evermanni~~: a few yg. to hl. gr. on
bottom. 8(13-34)

59. Coryphopterus nicholsi: many taken on bottom.

Many left.

64-46-Ad preserved 64(24-62.5)
47 mm. RJK Feb. 59

Lethops conneous: 1 spec. taken, again on a small patch of gravel near rock crevices.

To 85 W. 14.7.58
Geo Barlow
Bottom
V. 11.14.56
Taken at end of last dive as in H57-227

59 Lythrypnus latifasciatus ^{dalli}: large series. 175-68 Ad; 179 8 mm. 176 (23-44) bl. gr.-ad.

Adults too numerous to be all picked up.

Prefers exposed rocks with sea urchin

Centrocinus, most using this urchin for cover. Many ♂s within an area of 2 sq. ft., apparently not defending territory.

Many ♀s heavy with eggs.

Lythrypnus zebra: many ⁴⁸ bl. gr.-ad., but not as numerous as yesterday. Many left on bottom.

Prefers crevices

? 61A) Heterostichus rostratus ^{18-41 mm} 1(170) a few bl. gr.-ad., one ad discarded on Orca. 179 32 mm 145 163 mm

Alloclinus holkeri: good series preserved but not as many as yesterday. 8 Ad-2 Habs. grown. 45-72 mm.

50 Semicossyphus pulcher 3(54-206)

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