

State or Country: California

Field No. HSI-227

County: _____

Map: USC & G.S. 5128, 1937

Locality: Catalina Harbor, West side Catalina Island

? of what?!

Lat. _____

N., Long. _____

W. _____

Water: clear, salt

Vegetation: Maerocystis; Cystocereae; Tsenia; Egregia; predominant
Codium and coralline algae

Bottom: rocky; many crevices

Cover: crevices + kelps plentiful Temp.: At anchorage 16.65 °C

Shore: cliff, Current: very quiet

Dist. offshore: to about 20 yds. off the cliff Stream width: _____

Depth of capture: in about 20' depth, Depth of water: to about 50'

Collected by: Conrad Limbaugh + party on Orca

Tide: -0.3 at 0716 PST. ~~See Appendix~~ Date: 11/24/1951

Method of capture: derris; deep water poisoning

Orig. preserv.: 10% formalin thorax Time: poisoning at 0935 PST

Gymnothorax not taken; several Hypsypops
not taken. Sea gulls got some. Kelp bass got
some. Sea lion got some.

Poison actually settles to bottom in a thin film over everything.
I very large octopus (ab. 10' arm spread) in a
cave with lots of broken shell and an abalone.

Large lobster (12 lbs) in same cave.

Predominant molluscs, pink + green abalone

Astraea shells, ~~Harris~~ Harris top shell, Murex

(incised). Nut-brown canaries, large coffee

bean. 1 spec. of Tegula regina. Ophiroids

numerous. Lots of yg. abalone. Gorgonian

corals exceedingly large, up to 4 ft. tall (2 species)

Coralline bryozoans common.

1 jar of algae for Paul Silva

[One yg. adherine to be discarded, kept in net
from HSI-225A]

5. Heterodontus francisci: one 17" spec., partly
poisoned but not caught.

26. Gymnothorax mordax: several seen, none
captured. One adult definitely affected
by poison.

35A Paralabrax clathratus: hl. gr. - ad. 1 photo-
graphed. 1 lg. ad. ♀, ripe eggs. Stomach
contained 1 yg. Embiotoca jacksoni; 1 yg.
Chromis; 1 yg. Sebastes serranoides?
1 hl. gr. Coryphopterus; 1 yg. Heterostichus
and the operculum + part of body of an Astrea.
48(30-106)

47A Brachyistius frenatus: very numerous;
many preserved; some giving birth to yg.

47B Rhachichilus ~~vacca~~ vacca: at least 1 yg. (63)

47C Embiotoca jacksoni OK: sev. 2(58-64)

Rhachichilus toxotes: none caught,
but many of some observed

48. Halichoeres semicinctus: 1 ad. taken,
sev. observed.

48A Chromis punctipinnis: hl. gr. taken 23(47-66)

48B Stypsyrops rubicunda: hl. gr. to ad
preserved; many left on bottom.
1 hl. gr. photo graphed. 9(132-195)

50B Halichoeres semicinctus: 1 ad. taken; several
observed. 1(176)

50C Oxyjulis californica: 1 ad. taken, many
observed. 1(147)

50A Pimelometopon pulchrum: several
hl. gr. ~~obs~~ preserved. Juveniles observed
in coral outside poisoned area. 1 lg. ad. ♀,
with ripe eggs discarded. It had sea urchin sand abalone
egg pieces in stomach.

1 hl. gr. Sheepshead photographed 2(176-182)

51. Girella nigricans: several observed, ^{a few taken} ~~one taken~~

Medialuna californiensis: .. ; none taken

53C Scorpaena guttata: a few hl. gr.; one photograph 4(128-194)

53A Sebastes atrovirens: 1 ad. speared; preserved 2(23-185)

53B Sebastes serripes: several preserved;

3(108-213) large adults common.

*> Sebastes : 1 yg.

55A Artemia creaseri: a few 3(17-43)

Artemia corallinus: a few; one photo 1(39)

55B Orthopristis triacis: a few 14 (23-58)

59A Coryphopterus nicholsi: several; one 34(26-66)

Lythrypnus latifasciata: numerous but outside poison

(see note) 59B Lythrypnus zebra: 1 q. ser.; 2 photographs 82 (21-40)

59C Lethops connectens: 3 taken together, 3(325-43)

in a small patch of gravel; near large rocks.

60A Rimicola dimorpha cabrilloi: 1(21)

(see note) 61E Alloclinus holderi: several, 2 photo. 34 (24-81)

61A Gibbonsia metzi: several 1(29)

**> 2 spec. photographed

61G Paraclinus integrissimus: 1(38)

61D Heterostichus rostratus: 1 yg. to ad. 15(30-160)

Xeverpes fucorum: a few

* 54A Oxylebius pictus 1(38)

Note: 21 Alloclinus

9 Lythrypnus zebra

removed 27 June 1982 by B. Walker; transferred to U.C.L.A.

61F Ulvicola sanctae-rosae 6(62-98)

** 61B Gibbonsia montereyensis vulgaris 5(24-53)

** 61C Gibbonsia elegans velifera 5(24-99)