

Copied by W. Sec. v: 1947

Sta. No. H47-94

Locality: California: south side of Santa Rosa Id., 0.35 mi. S. of China Pt. Inland is first point SE (1 mi. SE) of Cluster Pt.

Lat. 33° 54.6' N.; Long. 120° 09.8' W. (USC & GS chart 5116, 1937)

Water: clear, salt

Vegetation: in thin stand of kelp (Macrocystis) outside dense kelp bed. On bottom some red algae.

Bottom: ~~rock~~ ripple sand and some rock Temp: 54.2

Shore: sandy beach between rocky pts Surface 6 p.m.

Distance from shore: 0.35 mile Current: mod, eastward

Depth of capture: bottom Tide: various

Method of capture: hook and line; and diver Depth of water: 12 fath.

Collected by: crew of E. W. Scripps and Frank Hagmann Date: IV: 29: 1947

Orig. preserv.: 1090 form + borax (fish) Time: day

5% form. + borax (algae) } from diver  
50% alc. - a few invertebrates

~~A few limpets off rocks - cleaned~~  
53. Sebastes vexillaris: 3 ad.

1 head saved. ♂ kept by cook

Sebastes carnatus - not very  
brightly colored - pink tan and  
brown - 2 ad. 1 saved (gutted)  
(235)

Sebastes miniatus: 1 h. gr.  
(260)  
saved. deep orange red, particu-  
larly deep & clear on P and A.

50. Scorpaenichthys marmoratus:

1 ad.; typical; head saved.  
[was gutted by cook]  
(fin rays over)

Scorpaenichthys ruber: 1 ad.;  
typical; head saved - Body  
red, contrasting clearly with  
that of marmoratus. over

Fin rays:

D<sub>1</sub> 11

D<sub>2</sub> 17

A 13

C 11

$\phi$   $l = i, 4, x = 15^-$

$\phi$   $r = i, 4, x = 15^-$

$P_2$   $I, 5^- - \bar{I}, 5^-$

Copied  
for Group 55  
file

Rays y S. marmoratus

D<sub>1</sub> 11

D<sub>2</sub> 19

A 13

C 11

$P_1$   $l = i, 4, x = 15^-$

$P_1$   $r = i, 4, x = 15^-$

$P_2$   $\bar{I}, 5^- - \bar{I}, 5^-$

RECORD OF DIVE AT H47-94

Angular fix (from Capt. Earle Hammond).  
L  $41^{\circ}10'$  Bee Rock to  
China Pt. [great 0.98 mi.  
SE from Cluster Pt.]  
R  $118^{\circ}10'$  To South Pt.  
(tangent).

Dive by Frank Haymaker  
Left ship at 1819, back at 1846;  
approx. 20 min. on bottom.

Reports from diver (recorded by  
Jill L. Hubbs):

Visibility 20 feet though rather dim.  
No rocks here.

Very short algae.

Some small, wide-leaved sea-weed  
attached to rock outcrops.

Cibalone, apparently Haliotis rufescens,  
on rock, put in sack [but lost].

A ~~narrow~~<sup>wide</sup>-leaved weed about 4 ft.  
high on rock; put in sack [but  
lost]. [clumps of fronds on top of stem].

No fish seen.

Found a few Astrocyclus - some  
collected [but lost].

Web star in bag [saved].

Short-stemmed kelp in bag.

Bottom sandy with occasional  
rocks [or rock outcrops]. over

over

Ripple marks on sand. Average 3" crest to crest (wave length); about  $3/4$ " wave height. Marks fairly regular for ripple marks, but not absolutely even. Whole bottom ~~is~~ so covered. Sand like fine beach sand; quite well packed (helps visibility).

Other weed specimens.

Some current - estimated net transport  $1/4$  knot (quite a bit of surge).

Rather barren bottom; rocks only occasionally.

Very flat bottom with no appreciable slope in any direction.

No fish seen, not even bottom fish like halibut; surprising.

No fish at all seen, save perhaps one vague form.

[ Sun just disappearing ] - "Light still pretty good".

Site H 47-94 - started from 10 fms.  
when station was moved from collar station  
Oct 26/49 W.E.B.