

Locality: Calif. Santa Cruz I., Fraser pt. Tide pools
on reef connecting bird rocks with point.
West end of island.

Lat. 34° 03.35' N.; Long. 119° 55.3' W. (USC & GS chart 5115, 1945.)

Water: clear, salt

Vegetation: Egrecia & Macrocyrtis, other brown
and coralline algae

Bottom: Rocky and sandy

Temp.: 54° F.

Shore: Rocky - some pools with rock protruding Current: mostly none

Distance from shore: tide pools 3x5' - 15x30' Tide: Low - 0.5' *
at 8:39

Depth of capture: From deep horiz. crevices Depth of water: 6" - 3' (max.)

Method of capture: Poison - Dennis [rather strongly]

Collected by: Carl L. Hubbs + party Date: 26 Apr. 47

Orig. preserv.: 10% formalin Time: 0730 - 1000 hrs.

all fish saved (15-gal can + 2 2-qt. jars)

51. Girella nigricans large ygs. to half grown
To A. Reichenow's model 1949. acc. in 19(43-129)
Few in low pools; mod. npl.

53. Sebastes serranoides : 1 y8. - lowest pool 1(40)

S. rastrelliger - half grown to ad. Low pool

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1(148.5) S. chrysomelas - Brownish black, with light markings
gradually from tan brown above to
dull yellow below; some purplish on D 2,
4 + C toward margin. 2 hl. gr. lowest pool.

47. Ampelisca aurora : ser. ad. 34(63-152)
Micrometrus
few from lowest pool; others

scinded in large flatfish, rarely
disconnected water, schooling over
sand in pockets of open water
near el-grass; frightened by
(Sebastes rastrelliger) moving about.

55. Scorpaenichtys marmoratus :

typical marmor color. 1 hl. gr. + 1 ad.
in lowest pool. (178-340)

* Pools fished grade from tide level
 to about 3 feet above.

over

55 (con.) Artemia lateralis: ser., h. gr. - ad.;
very few in mid. to higher pools; most in
lowest. Some in coralline phase.

Artemia ~~creaseri~~ creaseri: 1 ad. ♂, lowest
pool, beside deep area. 1(43.5)

D₁ with 2 conspicuous red-black blotches
separated by a golden orange band.

D₂ irregularly banded with dusky
reddish.

Chironomus ~~rubellus~~ rubellus: 5(40-56)
ser. ad.
mostly near curia in deepest
pool.

Hyalarchus cygna: yf. - ad.,
all pools, esp. mostly in cygna
pools with weeds. Bright green
brown & coralline phase.

Clinocottus anis 103(9.5-102)

yf. - ad., all pools; common in
highest pool.

55A Clinocottus recalvus 12(41.5-77)
~~Artemia recalvus~~: ser. h. gr. - ad.,
only in highest pools - most
from boundary one with deep
pockets. Some highly vari-
gated.

59. Coryphopterus nicholsoni: 1 h. gr. 1(10.5)
from pool about 1 ft. above low
water level. Only bright color 1(27)
is in small blotches of red-brown
along axial line.

60A Rimicola eigenmanni: 1 greenish-brown
ad., from lowest pool. Preliminary
special netting failed. 1(28.5)
(con.)

H47-77 (con.)

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61. Heterostichus ^{P.} rostratus: 1 hl. gr., (215)
from lowest pool; in red-grass
phase.

Sibbonsia metzi: yf.-ad,
all levels, but common
only in lowest pool.

?? Sibbonsia montereyensis: hl. gr.,
mostly lowest pool.

Sibbonsia elegans: yf.-ad.

Cebidichthys violaceus: yf.-ad.
mostly in lowest pool &
mostly in or near crevices.

Ads. with scattered red spots.

61 ^{Xiphister} Egerichthys atrogargureus:
18 (68-164) yf. - subad., mostly in lowest
pool but present in highest.

61 Xereryx fuorum: yf.-ad 38 (22-152)
lowest to highest pools,
in vegetation. Bright green
to brown phase.

61 Ulricola sanctae-rosae: 1 (128)
hl. gr., kelly-colored.

~~Xiphister~~ ~~microsum~~ - hl. gr. ?
~~Chick~~ - ~~Field idon~~ - hl. gr.
~~hl. gr. of~~ ~~Cebidichthys~~.