

Copied for
CAS VII: 10: 1946

Sta. No.

H 45 - 200

Same as H 44 - 17

but covering more area

Locality: California: reef just S. of Bird Rock, San Diego (between La Jolla and Pacific Beach).

Lat. $32^{\circ} 48.7$ 'N.; Long. $117^{\circ} 16.2$ 'W. (USC & GS chart 5101, 1933)

Water: clear; salt.

Vegetation: much brown and coralline algae and much

Phyllospadix

Bottom: mostly rock, some stones and sand

Shore: wide reef to cliff

Current: Pools and open flats

Distance from shore: at extreme tip of reef ^{area about 500} ft. Tide: -1.4 at 3:19 P.M.

Depth of capture: moderate horizontal crevices + walls to 2' high. Waves move entirely in chutes. Depth of water: to 2 ft. ^{much less than 1 ft.}

Method of capture: chlorinated line + dips nets for *S. P. eigenmanni*

Collected by: C. L. + L. C. Hubbs + E. M. Kampa Date: XI: 2 19: 1945

Orig. preserv.: 10% form + borax Time: 3 - 5 P.M.

Discarded 160 Sirella, otherwise all

specimens saved.

26. Symptetrus mordax: 1 ad. about 3 ft. long in deep horizontal crevice, where merely damp at this tide for at least an hour.
47. Micrometrus minimus: 2 ad (5) about 1 ft. above lowest tide, not caught.
48. Hypopyrops subcinctus: 1 very small yg. seen just beyond dam; not caught.
50. Oxygaster californica: 1 lg. yg., 41 mm.

Counts in group 50.

51. Sirella nigricans: 5 preserved, ab. 160 discarded.

53. Scorpaena guttata: 1 hl. gr. near deep recess

148 mm

Most of top ~~off~~ and

sides of head approaching color of coralline algae. Dorsal part of dark bars similar but near lateral line there are more orange bars. Fins mixed cream, purple-brown and blackish. Pelvics largely deep pink with black spots. Counts in group 53 file.

over.

Poisoning not quite thorough.

Pool at lowest tide level - outlet channels dammed.

55. Ruscartops creaseri: 39 mm, 1 hl. g₂₃

To 45 mm. Head pale olive with blackish radial markings. Body pale brown with numerous spots and dashes ^{which are} ~~to~~ indistinct blue-gray above and nearly white below; posteriorly these marks are fine roundish specks (smaller above lateral line than below); anteriorly they become dashes, subvertical and conspicuous at edge of belly and oblique following scale rows above lateral line. Along lateral line there is a series of very narrow blue-silver vertical streaks at ends of lateral line plates. First D. sooty outward with gray filaments. The oblique bars near the base are rich brown. The posterior spot is sooty, with the lower posterior border bright amber. Second D. obliquely barred with rich brown; C. ~~is~~ with dull pink. Anal pale pink with gray specks on rays. Pelvics whitish. The opercular membranes greenish. Pectorals barred with purplish + grayish with some orange within the whitish lower border.

CAS Gzelelya rubellis: 30 subad. to ad.
32-39 mm.

Clinocottus analis australis: 30 ♂'s and
30 ♀'s. Counts taken and discarded.

60. Infratridens rhessodon: 12 yg. - sm. ad.

CAS 19496

60A ² Rhinicola eigenmanni: 17 ~~yr~~ (14.5-21.5)
~~60 con.~~

~~(8) All outside of ...~~
Vary from brownish green to tan, pinkish, and purplish. One of brownest with very conspicuous ~~brownish~~ whitish round spots along mid-dorsal line - another with about 5 gray saddles; none with lateral stripe.

Intermediates: 3 yrs. One of smaller very pale pinkish, distinct trace of lateral stripe, almost no green; Belly silvery, with ~~scalloped~~ scalloped edge. Other two green but not so green as typical muscarum, with diffusion of purple below the band, the smaller with considerable brownish more or less mottled on dorsal part of tail, and with lateral stripe narrow and faint. In the ~~largest~~ largest specimen the stripe breaks up into specks posteriorly with a parallel row of specks ^{below} ~~above~~ and a trace of such a row above.

8 specimens captured with dip net, outside of poisoned pool. All from brown algae and all brown or purple. JUN 15 1953 - Chichas R. eigenmanni
with Briggs MS Key Ch. H.

(60A) Rhinicola ^{eigenmanni} ~~muscarum~~: 6 typical bright green with well developed lateral stripe; all narrow headed and with only a few very distinct purple specks on top of muzzl.

~~Supra~~

Infratridens rhessodon: 12 yg. - sm. ad.
14-35 mm

CAS 19496

61. Paraclinus integrissimus: 4 ^{24-55 mm.} ~~eggs~~ ^{yg.} - ad.
Counts in group 61 file

CAS.
19603

Smallest specimen jet black, except for
pale cream border on D., pale C., and
wide cream borders on A., P₁ and P₂.

Heterostichus rostratus: 8 ^{14-21 mm.} ^{adult}, 118-220 mm

CAS
19486

One in typical sub-grass phase, but with
2 broader stripes greenish centered. One
similar but with silver stripes disrupted
and weak disrupted vertical bars.

One dull green with greenish black
bars and weak disrupted silver stripes.

Two with coralline ground color and
with ~~the~~ fine silver-blue speckling and
with very dark strongly zigzag bars
bordered with cream.

Two are deep purple with traces of light-
bordered zigzag bars.

The one half grown is kelp brown with
slight traces of dark bars and with the
primary silver stripe intense in spots
but disrupted.

Gibbonsia mitzi: 2 large adults. One
brown the other purplish with light
speckling and partial bordering of bars
on both. The light markings more
conspicuous in the more purple specimen.

Gibbonsia e. elegans: 309 ^{29-41 mm.} ^{adult} ^{36 mm. smallest} ^{largest} Plain greenish,
green with light stripes and various browns,
Majority in typical coralline phase

CAS

S. e. elegans com. No very young specimens.

Hypsoblemmus ^{jenkinsi} ~~ka-pat~~: 1 yg. (33) (one larger
Hypsoblemmus seen).

Counts in Group 61 file