

Copied for [unclear]
V. 11:10: 1946

Sta. No. 744-22 Orig. No.

Locality: ^{reef at} California: Bird Rock, San Diego (between
La Jolla and Pacific Beach)
Lat. $32^{\circ}48.8'N$, Long. $117^{\circ}16.4'W$ (U.S.C. & S., 5101, -1933)
Water: clear, salt
Vegetation: much *Phyllospadix* and brown, red & coralline algae
Bottom: mostly bedrock; some boulders, stones Temp.:
Shore: rocky reef to cliffs Current: *push & waves*
Distance from shore: on top & edge of reef Tide: -0.4 at 4:40 P.M.
Depth of capture: to 4 feet Depth of water: 5.4 ft
Method of capture: dip-nets
Collected by: C. L. E. C. (1) + E. M. Kampa Date: X 1:16: 1944
Orig. preserv.: 1090 form Time: 4:30-5:30 P.M.
mostly saved

40. *Atherinops affinis cedrosensis*: yf. - small
series caught out of multitudes in deep
channel and shallow coves; many thousands;
often broke surface or even leaped out;
pursued by larger fish [Palmer says
both rock bass and kelp bass pursue such
small fish onto the reefs].

520
discarded

CGS 19442 47. *Micrometrus minimus*: 1 ad. ♀ - flat con. 69 mm

51. *Sirella nigricans*: com near on reef on flat
coves - none saved.

55. *Chirocottus analis australis*: a few caught,
1 large one below low-tide line; none
saved.

520 *Chirocottus rubellus*: 1 ad. ♀ from flat
con beside boulder.

520 60. *Rimicola eigenmanni* ~~muscarum~~ 2, bright
green, dark striped, from ~~edge~~
Phyllospadix. 8(15.5-20.5)

Rimicola eigenmanni eigenmanni several
greenish brown to brown; in eel-grass and
brown algae.

over

61. Parachinus integriramus: 1 ad.

Sibonnia metzi: 1 hl. gr., green striped, from
small pocket - like pool full of eel grass,
associated with 3 y. S. elegans of in
part of similar color.

Sibonnia elegans elegans: 26 yg. - ad.

Some not annotated ecologically, from mixed growths.
From brown algae: 1 purplish brown.

From good stands of Phyllozadix:

6 in typical coralline phase.

One each in following phases:

Green-brown, weakly barred.

Purplish brown, " "

Green, striped

Green, striped

Greenish brown, striped & barred

Purple brown, barely barred;
fine blackish speckles.

Purple brown, barred & striped.

Intermediate between brown and
coralline.

Purple brown, 1 stripe (yg.)

Barred, grayish olive.