

Copied for CAS
VII. 30. 1947

Sta. No. 247-15

Locality: ^{S. of} California: reef, at Sunset Cliffs,
San Diego. ^{S. of all residences and S. of last}
street. On ocean side of Pt. Loma.

Lat. 32° 43' 07" N.; Long. 117° 15' 20" W. (USC & GS chart 5107, 1922)

Water: clear salt

Vegetation: much coralline, red and brown algae and
Phyllospadix

Bottom: mostly rock with boulders, stones and gravel Temp.: cool

Shore: flat reef to cliffs

Current: none in a, much in b.

Distance from shore: on wide flat reef, moderate

Tide: -1.7 at 14:02

Development of crevices, particularly *

Depth of capture: Depth of water: to 18"

Method of capture: chlorinated lime and cyanide eggs

Collected by: Carl L. Hubbs & party *

Date: II: 3: 1947

Orig. preserv.: form + brax

Time: 1:30 - 4 P.M.

All saved except *Girella* which were
almost discarded, series to State College.

* horizontally. Pools up to 30 ft. in diameter
a. Enclosed pools, chlorinated lime
b. Reef flat, water connected with ocean,
cyanide eggs.

Poisoning thorough in pools, only moderate
in open water. Pools from ab. 1 ft. above to
the tide level of the day.

- To St. Coll.
- 500 47. *Micrometrus minimus*: 7 ad, a + b
50. *Halichoeres semicinctus*: 1 ad. 71; 64 mm color note
51. *Girella nigricans*: nearly all pools and
most from higher pools. To State Coll.
mostly a some b
53. *Sebastes auriculatus*: 1 ad. g, from
b. Running with eyed eggs.
A very small sized fish. Brown
with pale tan blotches and
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marblings above, a little reddish brown on sides of face. Fins pale reddish brown.

55. Clinocottus analis australis : 22
yg. - ad., all given to State College
mostly a; a few b.

Oligocottus rubellus : 34 hl. gr. - ad. counted & saved at SDU.
(12 given to State College) some b.
mostly a. 2 ad. from b.
55C Artedius creaseri (53.5-55.5)

60A Rhinicola eugenmanni : 13 green & brown
phases. 6 green, not very bright all
striped. Others: one brown, 5 reddish brown, blackish red
brown, and the green ones striped.
Infratridens rhissodon : 4 yg. - ad.
from a
To Norm
W.I. movsl
XII: 1-1949

61. Paraclinemus integrissimus : 81 yg. - ad.
Vary from ivory white to black phase.
All with light C. Light area with
wavy horizontal dark and light striping.
Many with the characteristic large
salmon blotches. Light area across
nape and on opercles deep red in
several. Basal part of pectoral
usually red or cream in the
ivory specimen. from a

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Heterostichus rostratus : 16 hl. gr. - ad.
a + b, mostly b.

Cas Gibbonsia mitzi: 7 ad. a + b, mostly b.

Gibbonsia e. elegans: yg. - ad.

One with ab. 11 ocelli.

One quart sample to State College.
a + b, mostly a

Hypsoblennius hierkissii: 5 ⁵⁽²⁷⁻⁴⁴⁾ yg. - ad. a

Hypsoblennius gilberti: 3 bl.-gr. ³⁽⁴⁷⁻⁶³⁾ a

Xerreyes fucorum: 1 bl.-gr. b

To State College

Color note on Halichoeres:

Has isolated bleached scales on upper side in an irregular pattern. Mostly lacking between the spots at the base of the D. and those along lateral line. Pectoral axil black.

There is a silver blue stripe from the mouth to the side of the belly intensified just above pectoral base, fading out posteriorly. A similar stripe in dorso-lateral position extending from near middle of body above lateral line to head and then continued forward as 3 dashes on side and a median dash on top of snout. Chin slightly pinkish. Throat weakly yellow.

D. and C. amber. The D. with a pale margin. The A. salmon with a clear border.

* Party made up of C. L. + L. C. Hubbs, L. G. Hubbs
Eugenie Clark, J. H. Stoye, married A.
Taylor and Andrew Olson, Jr.