

copied for
CAS x1.12.1946

Sta. No. H 46-118

Scrpps 117

Locality: Baja California. South Coronado Id.,
on E. side S. of lighthouse - On N side of
anchorage spit.

Lat 17° 14' 26" N; Long 32° 24' 27" W. (USC & GS chart 5195, 1940)

Water: moderately clear, salt

Vegetation: much algae and some *Phyllospadix*
and some *Zostera marina*

Bottom: apparently sand and rock

Temp.: 63° (mid-day)

Shore: cliffs

Current:

Distance from shore:

Tide: incoming

Depth of capture: bottom

Depth of water: 6-7 fath.

Method of capture: pipe-frame dredge

Collected by: Gail L. Hunt and E. W. Scrpps "part" Date: X1.8.1946

Orig. preserv.: 10% form.

Time: late afternoon
1615-1622

all fish saved, with some algae and
invertebrates.

CAS 50. *Oxygaster californica*: 2 subad.
~~1 bl. gr.~~

S20 *Pinelomatozom fulchrum*: 1 yg., bright
orange red, with 2 black spots along
dorsal fin & black patches - very
striking. 1(31)

CAS 53. *Scorpaena guttata*: 1 yg., counts taken

S20 57. *Gulosichthys flavescens* 1(63) bl. gr. (inadvertently
chased out).

57. *Syngnathus californicus*: 3 bl. gr. to

color on subad. all ♀'s

counts 21+50+43=114 20+47+40=107

20+49+45=114

61. *Sibbonia* sp. - 31 bl. gr. - ad.

Heterostichus: 6 bl. gr. - ad; in eel grass
and other phases. (26-73)

64 *Citharichthys stigmurus* 51 yg. - ad.
4 bl. gr. + 1 ad.

64 *Lemonichthys coenosus*: 1 ad [see H46-123]
200 615 Taylor
or P.A.S.

color notes at lab. x1:10

50. *Oxygaster californica*:

2 subadults, one distinctly greenish
the other coppery orange, but both with ~~some~~
bluish reticulations between the scale
pockets.

57. *Aulorhynchus flavidus*: 1 hl. sp., 61 mm.

Synquathrus c. californiensis:

Largest was color with black -
brown specks on ventral keel of trunk,
blue-gray lozenges along keel anteriorly,
and trace of concentric striations around
mural plates. $21 + 50 + 43 = 114$

Next sized specimen distinctly
green with ventro-lateral specks
less distinct, lozenges somewhat
developed, frontal region streaked and
mural plates with 2 light centers
surrounded by another light streak.
 $20 + 49 + 45 = 114$

Smallest specimen is olive
above and golden below with a brown-
black streak down middle of
belly and complex light and dark
markings. Ident. doubtful on this
spec.

$$20 + 47 + 40 = 107$$

800.

61. Subbonasa sp. : 31 hl. gr. - ad.

None of these are brilliant red; they grade through various shades of brown, often with considerable bright isabelline color, which is usually on or near the dorsal lateral light stripe. Some are plain, others banded, others striped with the primary stripe often bright silvery and either continuous or interrupted. The anal is occasionally plain, but is often banded with the dark bands sharply defined or much broken up, varying from ^{clear} red through browns to blackish. The ocelli are more or less sharply developed in all, varying in number from one to three, with the order of development in same pattern as in elegans. The pair of light wedges on the caudal are variously developed in more than half the specimens and in some are very conspicuous.

Heterostichus rostratus : 6 hl. gr. - ad.

Three are in fairly typical red grass phase, one is similar with green replaced by brown, the largest is essentially gray and brown with bars rather conspicuous and striping barely evident.