

Copied for
CAS V 11:9:1946

Sta. No. 445-55

one STD

Locality: California: Soberones Pt., about 5 mi.
S. of Carmel, Monterey Co.

Pools on outer part of somewhat raised reef terrace. Pt. Sur Quad.

Lat. $36^{\circ} 26' 52''$ N.; Long. $121^{\circ} 55' 42''$ W. (USC & GS chart 19...)

Water: clear, salt

Vegetation: largely lined with Coralina; small clumps of
Eyegia and other brown algae

Bottom: entirely rock

Temp.: cold

Shore: reef to cliff

Current: very slight wave
inflow

Distance from shore: pools about 8×30 ft.

Tide:

Depth of capture: weak crevice development

Depth of water: to 6 ft.

Method of capture: chlorinated lime poisoning

Collected by: Carl L. & L. C. Hubbs, Rolf Bolin

Date: IV. 16. 1945

Orig. preserv.: 10% formal

Time: 8-10:30 A.M.

Low at ~~Carmel Cove~~ Carmel Cove 8:44 A.M., -0.5 tide

All fish saved. Low population correlated

with lack of shelter.

~~Top~~ Collection A from pool about 3 ft. above
low tide of day; with about 15 ft. in bottom of
trough 4 to 6 ft. deep.

Collection B from ^{more irregular} pool about 4 ft. above
low tide of day, and with no water more than

3 ft. deep.

Collection A.

55. Artedius lateralis 1(73) 1 ad. Front half of
head almost black, a ^{yellow-} brown band from just
behind eye to front of dorsal. Back and mid
sides bright coralline with blackish bands.

Sides of belly yellow.

Calypodiadotus spinosus: 1 very yg. creamy with
~~Sauleya rubellus~~ dark bands above, silvery

below with a little rose on sides.

1 dried, discarded, VI:8:62 Kue.

55 Oligocottus rubellus: 28 yg. - ad. ♂♂ + ♀'s
(35-57)

counts taken (over)
collected at 500

H45-55 (con.)

Oligocottus

snyderi: 2 ad. ♀ 2(53-58)

Allocottus embryum: 11 ♂ + 10 ♀, adult.

Include 2 taken on top of reef about
2 feet above pool in roots of

Sessionopsis littoralis.

These two were in coralline phase
as were most of those from pool,
but the whole top of reef was
largely covered with coralline algal.

55A Clinocottus recalvus.

Montereya recalva: 18 hl. gr. - ad., ♂ + ♀
36-68 mm.

Scorpaenichthys marmoratus: 4 hl. gr. - ad.
230-365 mm

~~The smallest specimen~~ is

CAS
19499

The color of the lower surface varies from
dull purplish red (not at all bright) to
yellow in sequence from the smallest
to the largest. The color of the light areas of
the body varies

in the same series grades from greenish
brown pinkish gray to olive-gray. All
are definitely of the marmoratus type.

56. Liparus mucosus: (49)
1 hl. gr. Color rather

non-descript. The body is rather finely
and definitely blotched with purplish
and creamy over a rather yellowish base.

D. and A. are largely dull pink with purplish
speckling. C. pale pink with greenish bars.
There is a dark bar near the base of the C.

The pectoral is pink upward and backward, pale yellow forward and downward, but largely whitish on the exerted rays, ~~and on~~ ~~the~~ fleshy margin of the disk. The pads on the disk are a pale lemon.

61. Phytichthys chirus chirus: 3 hl. gr. to ad.

Smallest is brownish olive. The vent is red-brown and the largest is plain brown, all with ^{gular} ~~translucent~~ region translucent bluish.

Epigeichthys atrocyaneus: 1 yg. + 1 hl. gr.

~~Xerops~~ Xerops ficorum: 1 ad., brownish red.

Collection B.

Combined
with
H45-55A

55. Ereuleya rubellio: 7 hl. gr. - ad., ♂ + ♀
counts with A.

Allocterus embryum: 6 ♂ + 4 ♀ ad.

Epigeichthys atrocyaneus: 1 yg.

(over)

Algae on top of reef comprised largely
of Sessionopsis littoralis and

(?) Bossea californica (branching coralline)
and at higher elevations
Postelsia palmaeformis.

In the water ~~the~~: Egregia laevigata
Laminaria Andersonii, Cystisira
asmundacea.

with smaller amounts of.

Prionitis Liallii and P.
lanceolata
