

Copied for
CAS 11.9.1946

Sta. No. H 45-20

Locality: Baja California Norte point 1.9 mi. E. of Punta
Alescanzo (1.5 mi. W. of Don Pancho store),
about 7 miles by road S. of Rosarito. First point W. of
Arroyo morro.
Lat. $32^{\circ} 15' 45''$ N.; Long. $116^{\circ} 59' 45''$ W. (USC & GS chart 1149, 1889.)

Water: clear, salt

Vegetation: much Phyllospadix and misc. green, brown &
red algae (Gelidium, Egelgia, Ulva-like form, Gracilaria, etc.)

Bottom: large rock; in part sand, stones & boulders Temp.: 62 - Air 60°

Shore: very broad reef to cliffs Current: some waves into
lower pools

Distance from shore: on outer part of reef Tide: -1.5 ft. & 3.53 ft.*

Depth of capture: various Depth of water: to 3 ft.

Method of capture: chlorinated lime and derris poisoning

Collected by: Hubbs, Hubbs, Kampa, Stoy, Johnson Date: II:11:1945

Orig. preserv.: 10% form + borax Time: 3:30 - 5:30

* Ensenada base.

All fish saved (5-gallon sample).

About 5 pools av. 10-15' wide and 5' to

40' long, with considerable deep water

and fair crevices (horizontal and

vertical), all very near the -1.5
ft. tide level; also several sheep-tops

pools on mussel-covered reef flat, adjacent
to larger pools but about 2 ft. higher.

Just E. of a conical rock along shore.

Poisoned heavily as derris was weak and
stronger waves washed in.

In upper pools, the 1 Montereya and part of

series of Sirella, Clinocottus, Thalassarchus

Girella, both spp. of Sibbannia and Xeromyces.

over

47. Micrometrus minimus: ad.

CAS 19407 48. Hypsypops rubicundus: 1 lg. yg.,
mm., deep orange red with
metallic blue spots.
53mm.

CAS 19358 51. Sirella nigricans: 28 yg. — hl. gr.
82-157mm

CAS 19394 53. Sebastes chrysomelas: 1 ad., ^{209mm} from
current channel just outside
poisoned pool; found dead on
bottom late in poisoning; which
worked over small dam when
wave washed over.

55. Scorpaenichthys marmoratus: 2 hl. gr.
2(97-101)

55 Artedius lateralis

~~Allartedius corballinus~~:

3 ~~sub~~ adults ⁽⁸³⁻¹⁰⁹⁾
see later in notes
~~hl. gr. ad.~~

Allartedius corballinus

CAS 19453 Counts taken

ST. L. 71 mm.

1 sub adult
see later in notes.

CAS
19401

Girella rubellio:

32 ad., 34-53 mm.

Thalassarchus syderi: 8 ad.

CAS
19452

Clinocottus analis australis: hl. gr. -
ad. 81(47-103)

CAS 19403
Counts
taken Montereya recalva: 1 ad. ♀ from high
point on top of mussel-covered
shelf near outer edge of reef.
59 mm.

60A Remicula ~~eigenmanni~~ eigenmanni: 1 ad. Green.
(26 mm)

61. Parachinus integrissimus: 1 ad., very
light creamy pink. 50
CAS 19402
Counts taken

CAS Gibbounia elegans elegans: ^{ys. - ad.}
295. + 1 gal.

CAS Sibbousia metzi: hl. gr. - ad.
1 gal.

CAS Heterostichus rostratus: 11 hl. gr. - ad.
19399 184-264 mm

From deep pool

61 Hypsoblennius gilberti: ~~from~~ hl. gr. - ad.,
from shallow open pool with
stones & boulders. 4(66-99)

CAS 1945 Xoristes fucorum: 12 pale olive
green to red-brown; 1 bright
green seen.

Color notes

by C. L. Heller

II:15:1945

S.I.O.
La Jolla, Calif.Allartedius corallinus

Back light brown with blackish cross-bands. Large spots above anal fin and lower surfaces behind anus pale translucent lemon. A large area of the lower sides anteriorly washed with orange-yellow. Dorsals and caudal alternate ^{base of} brownish-purple and yellow-amber on rays. Anal largely yellow with blue-purple specks on rays. Pectoral with large brownish-purple blotch near base and with fine specks in groups on upper rays and coarser purple spots on the yellowish lower rays. A little yellow but no dark marks on pelvics. Head largely brown with a tan streak from eye to preopercle and short blackish bars radiating about eye. Upper jaws with dark cross markings; edge of mandible with about 10 black spots. Chin and throat translucent cream with metallic yellow specks and a purple-brown network. A trace of red along outer line.

Artedius lateralis

Largest specimen almost entirely color of coralline algae except on the black saddles. Lower surface is largely yellow. Coralline color conspicuous also on dorsal

pectoral and caudal fins. First dorsal with very irregular reddish streaks but with only a trace of the brilliant orange red crescent below a ~~very~~ sooty area between first 2 dorsal spines as seen in 2 other specimens. In these the coralline color is very weak and ~~mostly~~ mostly confined to ^{the} light saddle near D_2 , to the oval spot at dorsal base, and to a light area on the pectoral fin behind the dark base.

Rimicola muscarum

Bright green, especially anteriorly with a few small purple flecks on top of head. ^{Axial} ~~Body~~ purple streak on body very narrow, somewhat disrupted and scarcely developed on tail region of body.

Paraclinus integripinnis

Mostly bright cream with deep-lying blue specks and a trace of brownish black scale borders, becoming bright pink ^{and on} near the dorsal ^{fin}; ~~and over the spines~~. On top of the head is a large cream diamond pink posteriorly with a salmon bar between eyes. The basal part of the pectoral is bright pink; this color is separated by an inky streak, widened

II:15:1945.

La Jolla, Calif

below, in the main part of the fin which is pale lemon with brown cross bars on the rays.

Sebastes chrysomelas.

Bluish-black with dirty brownish-yellow markings. Pectorals conspicuously marked on outer half of thickened rays by a whitish area becoming tinged with orange toward base.