

Copied for
CAS 11/11/11/1946

Sta. No. 2445-106

Localities: California: Bird Rock, San Diego
1st. point S. of Bird Rock 30 to 60 ft. in from top of reef.

Lat. 32° 48.78' N.; Long. 117° 16.42' W. (USC & GS chart 5106, 1917.)

Water: clear salt

Vegetation: large amount of Phyllospadix, brown and waxy
algae and some green

Bottom: stones, rock and some sand and gravel Temp.:

Shore: wide reef to cliff

Current:

Distance from shore: about 2 pools, averaging Tide: -0.54 at 6:05 A.M.

Depth of capture: 8' x 15'

Depth of water: to 18" in pool

Method of capture: chlorinated lime and dip net Rimicola to 2 ft.

Collected by: C. L. + L. C. Hulls, E. M. Kanya, Clara Date: 11/12/1945

Orig. preserv.: 10% formalin + borax Time: 6 - 7:30 A.M.

Rimicola all collected with dip net among vegetation
at edge of reef all others from pool.
all but 39 Squilla saved

47. micrometres inimicus: 125 ad.,
this year and last, saved 115 (34-104)

at 500

for counts One found dead on
reef. Note: only other reef fish found dead
on reef was St. y. anguilla Oct. 1945
on reef St. y. anguilla 2 pelagic stage

51. Squilla nigra cauda: 49 preserved
yg. 1 transitional, 39 discarded.
(one without pedicels),
2 spec. to CAS. VII:1946, 89-95mm.

CAS. 19441

55. Squilla rubellio: 34 yg.-ad.
to clothier; 28 to CAS. 21-42mm.

CAS. 19546

Oligocottus myderi: 1 ad. ♀ (50)

Clinocottus analis australis: 72
yg.-ad. 103 (17-134)

59. Lethocops connectens: 1 ad. swimming near edge of pool in water about six inches deep among loose stones and boulders. Color waxy olive-yellow over top of head, front of upper jaw, entire cheeks, upper $\frac{2}{3}$ of trunk and almost entire tail. Deeper and slightly slaty dorsally, lower parts anteriorly translucent or whitish downward from posterior part of maxillary, lower arm of pectorals and opercle, also back to front of anal. Slightly darker stripe along middle of back and a series of black specks at base of anal. Dorsals yellow-brown amber on basal part, becoming clear outward. A. and pectoral similar. Pelvis transparent. Caudal olive-brown toward base surrounded by ochraceous and then clear. (note at least 2 rows of sensory papillae on C. fin. Pupil of eye distinct, surrounded by a yellowish ring.

To BWW at UCLA
X1:26:1949
To be returned
later

60. Infratridentis rhesodon: 2 yg., 10 and 11 mm.

Both rather dark, but one predominantly reddish, the other blackish olive. Both with the main cross saddle bright silvery, and with traces of other saddles posteriorly. Also a light rather shiny bar between the eyes and an even bright wedge, in line with this, below the eye. Apparently this is the normal color of the young.

78 yg. to ady. (total count). The large specimens are mostly plainly colored, more or less slaty though some are slightly pinkish and a few almost black. The light band across the eye, the main one on the trunk, one or two along the

60 October
CAS
19439
12 Apr. 22-47 mm.

D. base and one on the C. peduncle are variously developed to absent, sometimes clearly defined, sometimes diffuse, sometimes supplemented by other light specks, by light ventral spots in the tail region, or by complete bars across the tail.

29-June-1962; ~~30~~ catalogued (6.5-29)

A Rhinicola eigenmanni: 2 ad. [♂] + 29 yg.

~~yg. 1~~ Young of ~~7~~ mm. with series of silver blotches on side of body behind the silver streak on head. It has a very prominent silver white spot at end of D. base and other small spots less prominent on mid-line just in front of D. ^{and} at base of C. and a trace of another farther forward on back. There is a ~~red~~ dark spot at origin of D., but otherwise ~~of~~ all of the fins are clear. The larger specimens retain the dark spot in front of D. often expanded to include much of the base of the fin, and the A. fin becomes similarly colored. The main part of the body varies from olive-brown to reddish brown. The pigment on the C. apparently starts as a median spot, surrounded by light. The bar in front of the spot becomes restricted to a D. and a ventral spot then disappears, leaving the whole fin dark. There may be some dark ~~specks~~ specks on the back. In the 2 ad. ♂'s there are especially numerous, conspicuous and somewhat vermiculated. Not one of the specimens shows the longitudinal

dark stripe of muscarum though it is represented
in some by a row of dark spots, rarely slightly elongated,
mostly from brown algae, a very few in eelgrass.

minute

1 Parasitic copepod from pectoral fin of one
ad. saved for U. S. Nat. Mus.

Rimicola ~~eigermani~~ ^{muscarum}: 1 typical green
specimen, a large young with dark stripe
on body from eelgrass.

61. Paradinus integriginnis: 37 ^{bl. gr.} -ad.

To CAS (27) from poisoned pools. Various color phases as
usual. 10 to 12 cloths.

CAS Labronia elegans elegans: 175 yg. -ad.,
from pools. Similar phases as noted yesterday.

Hypsoblennius gilberti: 1 juvenile,
count taken. rotted, discarded 2 VII '65
DMS

82 mm
CAS 19440 Ulricola sanctae-rosae: 1 lg. yg. A row
of blue-silver spots with incomplete red
borders along anterior half of body. Body
otherwise help-brown.

60 B Rimicola muscarum (Meek & Pierson), 1(14)