

1. 13° 13' - L at 11:55 Span. Lt. to N.I. Air to Cor. Not.
12° 10' - R

Sta. No. 146-102

2. 10° 30' - L Loma Lt. - NI Air - Cor.
11° 36' - R

Locality: Pacific Ocean: S.W. of San Diego
South of Pt. Loma.

Course 345 true. 200 M. wire out.

Lat. 32° 34.5' N.; Long. 117° 16.0' W. (USC & GS chart 5102 1929.)
32° 36.1' N. 117° 16.6' W.

Water: clear salt.

Vegetation:

Bottom: sand and mud

Temp.:

Shore:

Current:

Distance from shore:

Tide:

Depth of capture:

Depth of water: 35-38 fathoms

Method of capture: pipe dredge

Collected by: S.W. Scripps

(Carl H. Hubbs + class)
Date: 8:9:1946

Orig. preserv.: form + borax

Time: 12:43-1:40 P.M.

Large catch of sea urchins

5. Hydrolagus colbei - 1 egg case

6. Raja inornata ^{+ montereyensis} - 4 (egg cases)

Raja binoculata 1 (egg case - broken)

Raja montereyensis - 1 egg case kept ^{at S.I.O.} in ^{14 gallon aquarium} ^(running east-west) ^{at Pt. Loma} ^{at 12:29:1947.} ^{found hatched out (within day or 2)} ^{at first we very slender + active - with} ^{when seen over heat light.}

Measurements II: 10:1947

135 mm. Total Length

53. Sebastes dalleri, 1 hd. sp. → 1 (150)

Counts taken

Lower half of head bright salmon pink with dusky green bands; pink extends over breast but belly is silver cream. Spots on side are purple-black. Bars are salmon pink overlaid with black.

53. A Sebastes coxicola (Gilbert) (50 mm) 1 hl. sp., 50 mm.

Counts
Taken

Color notes in field: Silt on lower sides, considerable pink on opercle. Belly and lower side of head mostly blue white. Anal pink with gray margin. Some pink on Caudal. Trace of yellow on D. Bars purple-black, ring of blue around edge

After being in formalin overnight, cheeks show strong brassy reflections with considerable pink over whole sides of body and along the D. spines. There is some yellow on the D. and outward on the C. The C. has an incomplete median vertical brown bar. Some orange pink on pectoral and a little on muzzle. A large blotch of purple on vertex. Red and brassy reflections

in eye

Pores, about 39

mouth and gill cavity white.

Peritoneum jet black.

Interorbital somewhat depressed with median pair of ridges. No super-ocular spine. Mandible apparently naked. Scales missing on mandible, possibly rubbed off.

55. Chitonotus pugetensis: 1 ad ♀, 105mm.

Counts taken Tan with deep brown cross bars, belly pure white. Branchiostegals bluish white, except yellow behind opercles. Near the mid sides there are some streaks of orange gold on the silver gilt background. Counts taken

[How UWA29666]

Scelinius quadriseriatus: 26

yg. - ad ♂ + ♀. Some, probably ♂'s with 'middle of chin' bright lemon-yellow to orange-yellow
24 (30-68mm.)

10 May 1995: ♂ 23 given as gift to Fish Collection, Univ. Wash. Seattle

56. Odontopyxis trispinosus: 3 hl. yr.

Rather rich brown on posterior part of head. A little gilt on belly.

Counts taken

59 ■ Sepidogobius lepidus: 1

bl. yr (52 mm)

(Counts taken) Very pale watery gray with gold brown saddles and lateral spots. Some pale gray blue longitudinal streaks near front of D. Pair of pale blue spots at post. part of head. Spot at base of C. brown-black. C. with an oblique reddish brown band behind base, followed by blue gray band.

After night in form. - 5 or 6 medium blotches and 8 or 9 D. saddles are yellow areas with large melanophores, some smaller melanophores along middle of trunk but almost none in light areas elsewhere. Spot on base of caudal nearly black with some red pigment. Two faint oblique bars on caudal.

Coryphopterus nicholsii: 7 bl. yr. = ad

Color note in field — ^{20 bl. yr.} The whole snout is lemon yellow. Dorsal is faintly lemon with blotch on dorsal. Anal is yellow. The adult has a bright blue streak on lower border of orbit.

After a night in formalin: Both dorsals and caudal with numerous light orange spots on membranes. Caudal with pale blue gray bars in between.

In adults, the larger part of spinous D. becomes yellow-green. Some of this color on outward part of D₂ and C. margin of D₁ is inky black. Margins of scale pockets on body, orange yellow.

Counts
Taken
To B.W.W.
E. 21-49

60. Porichthys notatus: 5 yg 43-103 mm
counts taken.

Color notes over

64. Microstomus pacificus: 1 ~~hd. yg.~~^{eg. yg.}
↳ 1 (74 mm. SL)
~~Loaned to Ahlstrom VIII:14+1951~~

Loaned to UCLA
IX:12:54
Returned
IX:6:1956
Symphurus atricauda: 13 hd. yg. - ad.
↳ 40% isopygyl IX:27
X:21:51
67-143 mm.
65-135

Citharichthys sordidus: 17
19 yg. - hd. yg.

Citharichthys stigmaceus: 3 trans. to
recently transformed yg. 3 To F.T. at
P.B.S.

Citharichthys xanthostigmus: 3 hd. yg.
119-122 mm

Bright yellow markings at
front of D.

Poichthys notatus

Color: The upper part of the body is dark with 6 or 7 broad dusky bars very distinct in smallest, faded in larger specimen, without light reticulations and without dark spots in the interspaces. The dorsal fin has ^{is} a black marginal near the front but merely dusky toward the margin elsewhere. The anal margin is clear in smaller specimens becoming dusky in larger. The caudal has a basal dark bar and is also dark submarginally. The pectoral is not definitely spotted.