

Scrymgeour 123-124

Locality: Baja California: S. Coronado I, E. side
South of light house

#123 321° 23' 30" to 51" 117° 13' 55" to 14° 00"

Lat. $32^{\circ} 23' 59''$ N.; Long. $117^{\circ} 14' 00''$ W. (USC & GS chart 5192, 19...)

Water: ^{24.04}clear, salt

Vegetation: much fine algae, brown and red

Bottom: undoubtedly rock, at least in part Temp.

Shore: cliff

Current:

Distance from shore:

Tide:

Depth of capture:

Depth of water: 14-10.5 fathoms

Method of capture: Cas pipe dredge

Collected by Carl H. Hubbs on "E. W. Scripps" Date: XI: 9: 1946

Orig. preserv.: 102, from thorax

Time:

all fish preserved, with sample of
algae and invertebrates;

57 Syngnathus exilis

1 (145)

57 Syngnathus, euchrous

 $4(86. - 118)$

3A Branchiostoma californicum

§ 70 loaned to Webb II: 15: 1962

several, 5th. gr. - ad., 47-56 mm

55. *Chitrotes*
purpurens: 1 ed.
Colorado, Tulsa

35
C-5 Paralichthys clathratus : 4 lg. yd.
counts taken when note over

counts taken when note over

47. Embiotoca n. sp. 1(80) h. g. - very red.

57. Syringanthus, L. beraldi: $\frac{0.14}{5.40} = 0.0259$

59. Coryphopterus nicholsii: 20 counts farther
CAS 1 ad. on. on

61. Sibbaldia

deep bright red.

2 spec.?
1, red, painted
by Leslie
Winton

color note beyond

64. Citharichthys stigmaeus. 82 (25-87)

2245 15.7 at

Plauronichthys de curruca
~~coarctatus~~

1 li. gr., 81 mm

Counts taken

over for color note

Color notes x1:10 in laboratory

Pleuronichthys decurrens; the
vertical fins are bordered with bluish
white. ~~and~~ D. and A. carry large dark
blotches posteriorly. The body is
blue-gray with very irregular markings
of brownish yellow enclosing blackish
brown spots. There is a brown
band behind eye, a blackish bar below
lower eye, a deep brown area behind
end of mandible. Elsewhere the head
is mostly blue-gray speckled with
blackish brown. The eyes are similar
in color to side of head,
but each has a conspicuous blackish
brown crescent between the interorbital
and pupil.

Chitonotus: ~~The~~ Bright purple red mark
on body, with the small expansion onto
the 3rd D. spine. Upper parts slaty
olive on many of the scales, dirty orange
around base of scales, ~~that~~ whitish
blue around margins. Deep brassy
orange markings below lateral line.
Lower surfaces dead white. Upper part
of branchiostegal membranes bright
orange. Head colored much like

body. 1st D. with red and greenish bars on spines, with margin of fine sooty black. Second D. less distinctly marked with similar colors. C. with bars that grade from orange-red forward to blackish behind. A. white except for a broad median sooty black band. Pectoral pearly yellow above with 3 orange cross stripes. Lower rays of ~~1st~~ P₁ and entire P₂ fin chalky white.

Syngnathus h. hualdi

$$19 + 46 + 37 = 102$$

$$20 + 45 + 37 = 102$$

$$20 + 47 + 36 = 103$$

$$19 + 46 + 36 = 101$$

$$19 + 47 + 37 = 103$$

Paralabrax : Reddish brown with lower fins bright yellow

Silivornia n. sp. : ~~1~~ 1 yg. and 3 adults

deep, cherry red, almost solid even on the fins. Another is nearly as red though belly is yellow and anal is barred with transparent. The others are various shades of brownish red, reddish brown and brownish yellow. These vary from almost entirely

uniform to barred. One of the
smaller ones retains the juvenile
stripes more prominent than the others.