

Copied for
CAS III: 24

one SID
Sta. No. 745-36

Locality: California: La Jolla Bay, San Diego
Edge of submarine canyon.
about

Lat. $32^{\circ} 51' 30''$ N.; Long. $117^{\circ} 16' 20''$ W. (USC & GS chart 5706, 1933)

Water: clear, salt

Vegetation:

Bottom:

Temp.:

~~Shore~~ Against submarine canyon

Current:

Distance from shore: near middle of bay

Tide:

Depth of capture:

Depth of water: ab. 500'

Method of capture: hook + line by commercial fishermen

Collected by: Carl H. Hubbs

Date: III: 20: 1945

Orig. preserv.: form + borax

Time: day

318-322 mm.

53. Sebastes miniatus: 2 ad, selected
from small catch. Lower parts deep orange-
red, deepest on a large crescent on each
scale, almost white at base of scales
posteriorly. Upper half of body rather
bright golden orange between blackish
purple spots and reticulations. Head
similarly but rather less definitely colored.
~~Fins similar but less deeply colored~~
all rather bright orange-red.

To CAS
17929
Counts in
Swamp 53
file

Sebastes umbrinus: 1 ~~subad.~~ ^{178 mm.} five light
spots on body and spot at tip of opercle
pink washed with orange. General color
of body deep blackishgreen with paler pinkish
vermiculations above and with pinkish scale
centers below lateral line where the green
color forms subhexagonal reticulations.
Lateral line largely pink in narrow
streak. Lower part of head pink,

To CAS
17883

Counts in
Swamp 53
file

breast orange. A narrow dark green line down center of maxillary and a broader one from sub-orbital to between 3rd and 4th preopercular spine. Above this is ^{a broad} greenish band behind eye, which area like opercle and subopercle has dark green bars one per scale. The 1st D. is largely green but pink on the spines and ^{and pectoral} excised part of membrane. The soft D. and A. fins are pink on the spines and rays, but largely green on the membranes. The C. is similar but the green on the membranes is more convoluted, less deep, and less solid. The pectoral is largely pink.

350 mm.

Sebastes constellatus: 1 ad., in poor condition. Largely orange below, light spots bright pink, fins largely orange.

To CAS 1985
Counts in group 534

321 mm

53A Sebastes sp., near rexillaris. Probably same species as from 145-34. Much pink on sides, though a considerable section of the body between the D. fin and the lateral line and in a wedge extending downward from anterior part of lateral line is largely yellow. Near the D. base and on the lower sides of the posterior $\frac{3}{5}$ of the body proper, there are small irregular blackish green flecks on the scales. On the opercles there is a broad area of green to yellow with brown bars on the scales. Above and below this there is pink. Behind the ^{gular} spines the subopercle is rich brown. A dirty yellow-green band extends from eye to ~~the~~ opercular edge just above interopercle; this band is diffusely connected with the greenish opercular blotch. A greenish stripe with indistinct orange borders runs above maxillary from preorbital to preopercular edge. The maxillary is pinkish becoming greenish

At S90.
~~Counts in group 534~~
Counts in group 534

along lower edge. The upper lip is dirty pinkish, the lower orange, becoming white posteriorly and greenish on median lobe. The mandibular region and interopercle are largely white, the gular membranes pale purplish. The breast and belly are gray.

64. Dipnoglossina stomata: ^{264 mm.} 1 sinistral adult.

TO CAS 17884
Counts in
group 64
file

Color dirty greenish gray with spots and specks of tan surrounded or mixed with deep brown.

^{Xantho}
Citharichthys ~~stigmata~~ ^{us}: 1 lg. ad. 205 mm.

TO CAS.
17886

Color greenish gray, with bright yellow ^{irregularly} viregular spots, ^{surrounded} by blackish purple. ~~to~~ Exposed part of branchiostegal and gular membranes, bright orange yellow. Anterior part of D. greenish-gray with very bright yellow dark bordered spots, and tips of rays opaque greenish white. The other fins do not have the yellow spots, but the anal also has the greenish white tips of the rays; on both fins these tips become very small posteriorly, as they are everywhere confined to the exposed part of the ray and the membranes are a little incised posteriorly. The left pelvic is pale brownish, the right pelvic opaque white. The left pectoral like most of the

Counts in
group 64 file

D., A., and C. is greenish gray with blackish green flecks along the rays. The ~~ant.~~ pectoral is pale, becoming opaque white on upper edge.

Pelvic of eyed side attached almost on midline, ~~as also~~ very close to insertion of right pelvic.

Genital papilla on blind side within anal fossa

1445-36a

In shallow water, approximately same location:

35. Paralabrax sp.

43. Pneumatophorus disco : nearly a box

64 Paralichthys californicus : a few, counts of sides taken.