State or ~~County~~: CALIFORNIA Field No. H 49-116

County: San Diego Map: , 1

Locality: Off Scripps Institution of Oceanography

Lat. N., Long. W.

Water: salt, clear.

Vegetation:

Bottom:

Cover: Temp.:

Shore: Current:

Dist. offshore: Stream width:

Depth of capture: bottom Depth of water: "300 feet"

Collected by Conn Strong of Del Mar (depot)

Tide: Date: VIII:1:1949

Method of capture: hand-line

Orig. preserv.: 10% form + borax Time:

Note: "luteus" is MS name

53. Sebastodes luteus sp.: 1 ad. (first for us in San Diego region).

To UCLA VIII:10:1949

With a no. of another Sebastodes ("gerrupa")

Brought in by George Wernham VIII:1:1949

Color Note, Aug. 1, 1949

General color tone yellow with some orange, but definitely more yellow than ~~rose~~ in True rosaceus. The yellow on the body and top of head is particularly clear, with dusky to light blush reticulations surrounding irregular spots. Except near the head the blush marks form an almost continuous band along the lateral line. The blush reticulations occur also on the basal part of the D_2, C. and P_1 fins. The fins are more orange than the body, the C! and A. rather deep orange, and the lower surface of P_2 pinkish. Large splashes of green-black on the 6th to 10th D membranes represent the large black spot of the young. On the sides below the lat. line the yellow forms crescents on the scale margins rather than large spots. The sides of the head are purplish pink except on the 3 yellow stripes. The opercular membranes of the gills are strongly charged with sooty. (over)

As compared with miniatus, the scales are somewhat smoother though the scales of the mandible are ctenoid. The mouth seems to be larger and more horizontal and the symphyseal knob better developed. D_2 and A are much less rounded and C. lobes more pointed. P_1 is longer, much more sharply pointed and has thinner rays.