

Copied for
CAS I: 19:1946

Sta. No. 445-60

Locality: California: La Jolla Bay, NW of La Jolla Pt.
("Usual place")

Approximately

Lat. $32^{\circ} 51' 30''$ N.; Long. $117^{\circ} 17' 30''$ W. (USC & GS chart 5101, 1933)

Water:

Vegetation:

Bottom:

Temp.:

Shore:

Current:

Distance from shore:

Tide:

Depth of capture:

Depth of water: deep

Method of capture: hook + line

Collected by: Terry Black for C.L. Hubbs

Date: IV: 27: 1945

Orig. preserv.: 10% formalin + borax

Time:

53. Sebastes vexillaris: 1

Sebastes minatus: prob. not preserved.

Sebastes chlorostictus: 2 caught, 1 saved.

CAS 18462

Mostly pink above, yellow along
sides. Membranes of fins green.
206 mm.

Sta. No. H45-60a

Locality: California: Long Beach of La Jolla Bay,
San Diego, near middle of beach.

Lat. 32° 51' 20" N.; Long. 117° 15' 15" W. (USC & GS chart 5101., 1933.)

Water: salt

Vegetation: none

Bottom: beach sand

Temp.:

Shore: beach to cliff at breakwater Current: edge of waves

Distance from shore: on damp sand at tip Tide: 5.7 ft. at 10:09 P.M.

Depth of capture: of waves Depth of water: none

Method of capture: picked up on beach

Collected by: Carl H. and Laura C. Hubbs Date: IV: 28: 1945

Orig. preserv.: none preserved Time: 10:30 - 11:30 P.M.

(P.W.T.)

40. Leuresthes tenuis: few about 10:30 -

~~10:45~~ abundant locally; nearly
covering lower troughs in sand
from about ~~10:30~~ 10:45 - 11:00 ^{at} 11:00

numerous against concrete break-
water near middle of beach; spawning
in profusion in soft sand against
breakwater. Carefully randomized
collection - all saved - 141 ♂s : 19 ♀s (over)

H45-60b Same data except coll.

of IV: 29 by Carl D. Johnson,
who sexed catch as 102 ♂s : 54 ♀s.

He thought fish were not
selected, but they likely were.

(Run 2 weeks earlier was reported)

" 2 " later " "

St. h. taken, filed
in W.C. Man. trap 40

over.

Aberrant sex ratio means that males stay on beach while a few females move in, spawn, then wriggle out & return to sea (as they were seen to do). Usually each ♀ down in sand was accompanied by several ♂s. Males were not only slender but also averaged shorter (as seen by size tally on separate sheet filed under G. coast 40, Leveesthes). Males usually have the pectoral fin blotch blacker and the caudal border blacker than in ♀. The ^{flesh} ~~fat~~ is firmer, and less collapsed when nearly spent.