

Sta. No. H47-41

Locality: SCRIPPS PIER: DROP LIGHT OF END OF PIER.

Lat. ° 'N.; Long. ° 'W. (USC & GS chart, 19)

Water: CLEAR, VERY CALM, ABOUT 8" SWELL

Vegetation:

Bottom: Temp.:

Shore: Current:

Distance from shore: Tide: OUTGOING LOW AT 2.325

Depth of capture: To 1' Depth of water: 30'

Method of capture: DROP LIGHT + DIP NETS

Collected by: B.W. WALKER + CARL JOHNSON Date: 14 APR '47

Orig. preserv.: 10% FORMALIN Time: 2030 - 2230

A HEAVY PLANKTON SWARM HUNG UNDER LIGHT FOR ABOUT AN HOUR

ATHERINOPS, ATHERINOPSIS, LEURESTHES + TRACHURUS IN VERY LARGE SCHOOL AROUND LIGHT FOR ENTIRE TIME. LEURESTHES HUNG CLOSEST TO SURFACE, BUT CAME DOWN. MANY ATHERINOPS VERY HEAVY, AND ONE EXAMINED & THEN LOST WAS RUNNING RIPE.

40 Atherinops affinis
40 Atherinopsis californiensis
40 Leuresthes tenuis } series (discard)

42 Trachurus ~~sp~~ symmetricus series (observ.)

H 47-41 com.

euchrous ~~euchrous~~ 2(121.5-136.5)

57. Syngnathus ~~sp.~~ ^{euchrous} : 2 hl. gr.

550
or sm. ad. ♀s. Like specimens from H 47-43 in brown color with prominent cream tan cross-bars on back and upper sides. Light blotching on top of head (in one few and on the nuchal shield confined to a lengthwise stripe). Tail blackish toward C. fin. Opercles brassy silvery, punctulate with brown. Some lighter markings but no regular half crescents along ventro-lateral keel of trunk. One with strong and one with rather weak light spots along ventro-lateral keel of tail.

exilis

3(92-163)

550
Syngnathus ~~h. heraldi~~ ^{exilis} : 2 hl. gr. and

1 ad. ♀. Smallest is greenish with narrow light cross bars. next is brown very heavily dappled with gray on dorsal part of trunk and head. largest is brown with greenish and pinkish areas with rather faint narrow cross bars and fine spotting on top of head. Lower part of opercles plain bright silvery in adult. Belly rather uniformly dark in smallest specimen. with a broad dark stripe in the next, and silvery

in the largest. Largest specimen with pale
dashes along ventro-lateral keel of
tail.

2(103-109)
Syngnathus c. californicus: 2 lg. yg. w
half gr. Olive, one nearly plain,
the other darker ~~and~~ except for large
more or less united light blotches.
Median part of belly darkened in both.
~~tail~~ Tail blackish toward fin, lower
part of opercle plain.

55 Scorpaenichthys marmoratus 1(29)