

Sta. No. H47-30

Locality: CALIF. REEF AT SUNSET CLIFFS, SAN DIEGO

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

Water:

Vegetation:

Bottom:

Temp.:

Shore:

Current:

Distance from shore:

Tide:

Depth of capture:

Depth of water:

Method of capture: CHLORINATED LIME + DIP NETS

Collected by: MERREL TAYLOR + PARTY

Date: 3:III:47

Orig. preserv.: 10% FORMALIN

Time:

ALL FISH USED AT SAN DIEGO STATE COLLEGE EXCEPT
Y6. SPEC. OF LEIOCOTTUS HIRUNDO. FISH IDENTIFIED BY
B. W. WALKER.

- 40 Atherinops affinis cedrosensis - many yg.
Atherinops affinis littoralis - 1 yg.
51. Girella nigricans - about six yg to hlf. gr.
55. Greeleya rubellio - 1 ad. ♀
Clinocottus analis australis - 4 yg to ad.
Scorpaenichthys marmoratus - 1 juv. - pelagic stage
- 55A* Leiocottus hirundo - 1 yg - given to Scripps
color note taken 57 1/2 mm. Sr. L.
on back page
60. Rinnicola egenmanni - 1 hlf. gr.
61. Gibbonsia elegans - many - yg to adult.

Leiocottius hirundo - yg - 57.5 mm.

Color notes taken 4:III:47 by B.W. Walker

Ground color tan on back shaded with light blue and reticulated with gray. Back crossed by four brown bars washed with yellow green, especially on anterior bar.

Head brown with heavy wash of yellow green especially medially behind eyes and between anterior $\frac{1}{2}$ of eyes, and on opercle. Greenish white bar from anterior-ventral border of eye to maxillary, ^{including max. + premax.} bar about $\frac{2}{3}$ ~~as~~ as wide as diameter of pupil of eye. Premax olive brown with medial tip light tan washed with green, and crossed by suborbital bar posteriorly. Lower lip whitish with two grayish bars.

~~Lower side of head.~~
Chin & throat whitish finely punctated with brown dots. Small light brown spot between branchiostegals.

Underside of body to anus white with wash of yellow around anus. From anus posteriorly, underside of body watery yellow. ^(lemon) Cross bars on back extend ventrally to about $\frac{1}{2}$ eye diameter from anal. Interspaces below lateral line whitish.

Pectoral fin with three irregular black blotches at base - including all rays. Rest of fin yellow with orange wash - crossed by about 5 very irregular red brown cross bars. Pelvis white. Anal white with light yellow cross bars. Caudal yellow with light red brown cross bars. ^{1st + 2nd dorsal} 1st + 2nd dorsal clear with reddish brown cross bars, Bar heavier between 1st + 3rd spines of 1st dorsal.