

Sta. No. H 46-95

Locality: Calif. Reef N. of Scripps pier

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

Water: Riled

Vegetation: None

Bottom: Sand and Rocks

Temp.: _____

Shore: High Cliff

Current: _____

Distance from shore: to 20'

Tide: High

Depth of capture: to 3'

Depth of water: to 4'

Method of capture: 6' csm Seine

Collected by: C + L C Hubbs, A S Lockley, F H Store Date: IX : 6 : 1946

Orig. preserv.: 1070 Form

Time: 4:00-4:30 PM

40 Atherinops affinis: Few yg disc

51 Girella nigricans: many yg disc

51 Hermosilla azurea(?) 4 yg saved 348-52.5)
australis

55 Clinocottus analis ⁴ to Few yg-ad disc.

Hermosilla azurea ⁴ psd live
aquarium One in aquarium preserved ^{next day}
as being abused by other ^{same} collected in this

psd spec. 50 mm Body covered with 10
irregular arranged bluish silver bar. These
bars are interspersed by olive brown bar. The
general body color is olive brown. the bluish
silver bar become whitish below the
lateral line and also tend to

coalescence. Ventrally the body becomes entirely ~~not~~ greyish white. being lighter anteriorly and considerably darkened posteriorly, almost becoming grey. All of the scales ~~the~~ below the banded area are edged with grey giving the above described ~~and~~ impression of color. The abdomen is entirely devoid of dark color. This band extends from the isthmus to the anal fin and includes the bases of the ^{pelvic} ~~ventral~~ fins.

The head is dark brown above with only occasional slate blue streaks across the top. The side of the head becomes more silvery ventrally without any vertical streaks of bluish. One bluish streak runs from the eye to the spot on the opercle and splits around the spot, terminating against the red border of the opercle. Below this bluish streak is a red brown streak that becomes olive brown anteriorly. This streak terminates at the eye. Below this the general color is whitish with 2 olive brown longitudinal streaks. The ventral surface is whitish with a group of chromatophores between the isthmus and the mouth. The upper lip is bluish grey while the lower lip is grey from a continuation of the lower lateral streak.

The eye has a red "eyebrow" the remainder of the eye is greyish with a ~~slate grey~~ bluish grey pupil.

The opercle has a blue spot purplish-blue spot on its posterior edge just behind the eye. This interrupts the red border that ~~once~~ extends from the dorsal edge to a point opposite the ventral end of the pectoral fin.

The dorsal fin is greyish. The spinous part is of a uniform color except for a slightly increase in dark color at the anterior base of each spine. The soft part has 7 longitudinal bands of equal width. The first is ~~white~~ ^{transparent}, the second grey, the third red brown and the last ~~white~~ ^{colorless} again. The posterior margin of the fin is ~~white~~ also. The transparent

The caudal fin is olive yellow in basic color. The terminal part being gradually lighter. The fin membranes are far the darkest colored.

The anal is colored similar to the caudal except being darker and having a ~~white~~ ^{transparent} anterior edge.

The pelvic fins are grey anteriorly and ~~white~~ ^{transparent} posteriorly.

The axil of the pectoral fin is dark but the fin is colorless