

Sta. No. H-48-33

Locality: Baja Calif.: Turtle Bay, at village of San Bartolomé, from both sides of pier

Lat. <sup>40</sup>27° <sup>53</sup>40' N.; Long. 114° <sup>53</sup>40' W. (USC & GS chart \_\_\_\_\_, 19\_\_\_\_)

Water: Clear Salt

Vegetation: Zostera with some halp - mostly bare.

Bottom: Sand with some boulders Temp.: cool

Shore: sand beach backed by town on land Current: —

Distance from shore: to 75' Tide: -0.4 at 1345

Depth of capture: <sup>to 8'</sup>25' ~~bag seine~~ Depth of water: to 15'

Method of capture: 25' bag seine + tow boat.

Collected by: Carl L. Hubbs + party Date: II.5.1948

Orig. preserv.: 10 To Form. Time: 0930-1130

Seine was in poor condition with frequent  
rips needing mending. The Atherina were taken  
on the open beach. The rest from the  
vegetation, which was attached to the rocks.  
~~collection~~

66A Rhinobatos productus : 2 hl gr. (475-486)44A 35A Paralabrax <sup>clathratus</sup> ~~notatus~~ : 1 ad (Cabrilla)  
(321)~~44A~~ Xenistius californiensis : 11 yg. 13 (38-65)40C Leuresthes tenuis : ~~100~~ 180 (94-129) very largeseries of ads. not quite ripe, slight amount  
of milt squeezed from one male  
40B Atherinops californiensis sonorae 114 90-116.5 mm  
of ads.40A Atherinops affinis : littoralis x magdalenae few ads.  
17 (31-117)46A Seriophilus politus - 1 hl gr. (66)50A Halichthys semicinctus : 1 hl gr. (103)

57 *Syngnathus exilis* 3 (192-238)

*Allotrypis* n.s. (?)  
57 *Syngnathus exilis*

Not known to any fishermen or boys at Land. 1 yg. + 3 ad. Including one ad. ♀ and 2 ♂ with eggs. The ♀ is deep bodied and brassy on the belly. On the flanks the side is banded between the ventres with red-brown bars with the median row of bright blue spots. Space between the bars is blue with some brown ventral dashes. The back is largely brown. The opercular region is moderately bicolorous. The lower part of opercula is silver ~~glit~~ glit with conspicuous orange vermiculations. Dorsal is bluish white mostly unmarked.

The smaller ♂ has the flank region light tan above, blackish on upper sides and bright brassy on lower sides and lower surface. There is a conspicuous row of very dark brown speckles on the lower fluke. Middle of belly with a dashed line of deep purple. Lower part of opercula bright brassy with orange vermiculations. A bright silver spot on pectoral base. Mouth is orange. Ridge on each side of pouch silver white with cross bars. Faint cross bars across back. Whole tail is blackish. The larger ♂ is similar but darker and more singlish and has hardly any brassy on lower parts. No pearly spot on pectoral base. Pouch purplish brown. Cross bars more prominent.

61A Heterostichus rostratus: 15 lb. gr. to ad.  
mostly orange colored (97-538)

61B Gibbonsia elegans <sup>ssp.</sup>: 1 sm. ad. (76)  
A

64 Paralichthys californicus: 1 large ad.  
boy did it taste good.

64A Citharichthys xanthopectus: 1 lb. gr. (11 mm)  
yellow spots with blackish or borders.

64B Etropus c. crossotus: 1 ad.