

Copied for CAS
 VII: 13: 1945
 Copied for CNHM
 II: 4: 1946

Sta. No. J+45-99

Locality: California. La Jolla shores, just
 n. of beach club, La Jolla

Lat. 32° 51' 6-13" N.; Long 117° 15' 36-41" W. (USC & GS chart 5101, 1933.)
 Hydrographic sheet 4809, 1928

Water: salt

Vegetation: none

Bottom: fine sand

Temp.:

Shore: wide sand beach

Current: low waves

Distance from shore: to 200 ft

Tide: 0.3 at 1 A.M. July 5

Depth of capture:

Depth of water: to 4 ft

Method of capture: 5' x 7.5' bag seine 1/4" mesh

Collected by: C. H. + L. C. Hubbs + E. M. Kampa Date: VII: 4: 1945-

Orig. preserv.: 10% form + borax Time: 9:30 - 11 P.M.

All saved for ^{public} aquarium or preservation
 all

♂ Engraulis mordax mordax: 1 lg. yg.
 To Tachman.

CAS
 and this is a
 ♀, a bulky rept
 ♀, were found
 bull of
 largest discarded. Became increasingly
 abundant as approached strong lights
 from beach club. Vert. on 1-44+28=72
Stenogobius exilis: 42 bl. gr. - ad., one
Xenistius californiensis: 4 ad., ^{copied} 3 preserved,
 over for color

To CNHM. 42558
 40. Atherinops c. californiensis: 1 yg (32)

at 530
 40. Atherinops affinis littoralis: 1 lg. ad (disc.)

42. Trachurus symmetricus: 1 bl. gr., very thin with
 turned mouth.
 To CNHM. 42556

46. Seriophus politus: 4 yg. + 1 ad.

42551
 To CNHM. 42554
Umbrina roncadore: 9 yg., 4 preserved,

5 ♀ alive for aquarium.

Menticirrhus undulatus: 3 yr. + 2 subad

42558
 1 yr. preserved other alive

Roncadore stevensi: 2 bl. gr., kept alive in Public Aquarium

47. - Hyperprotopon argenteum: ~~1~~ yg - ad.

ATSDO

1 yg. + ~~1~~ ad alive, 8 preserved.
23 adults - 28 young
epb

Amphistichus argenteus: yg. - h.c. gr.
CNHM
42553 3 kept alive; 20 preserved

Micrometrus minimus: 3 ad.
To CNHM. 42552

- 55. Leptocottus armatus australis: 1 h.c. gr.
To CNHM.
42555 Counted & discarded

Color note on Xeristius californensis:

~~1~~ Strong blue and green reflections between the narrow stripes which grade from deep brown above to bright golden on undersides. There is one dark stripe on the mid-line in front of dorsal; 3 on back above lateral line; one along lateral line where high, becoming stepped up posteriorly. Of the 3 brightest stripes on the side the 1st subtends the anterior arc in the lateral line, the second and boldest runs nearly straight from the eye to the C. base following the lateral line posteriorly, below this is another stripe from eye through upper edge of pectoral base to above end of A. Below this is a weak stripe on the abdomen and bare traces of others. There is some gold and pink reflections on the lower sides of the head. 1st. Dorsal is dusky lemon-brown. The pectoral has some of the same color but becomes blackish medially and toward base and weakly pink on the light lower part. ~~The~~ D₂, A and C. are yellow-

around with some black, particularly toward edge of C. and base A. ⁵ Pipe
Outer part of P₂ lemon with dappled with black.