

Sta. No. H45-199

Locality: California: San Diego Bay, on ~~Strand~~ ^{Strand} Calfray between Coronado Hotel and S. end of bay

Lat. 32° 38' 9-16" N.; Long. 117° 08' 17-23" W. (USC & GS chart 5106, 1917.)

Water: muddy.

Vegetation: considerable Gelidium and Ulva

Bottom: firm sand to soft mud Temp.: cool

Shore: " " " " Current: none 2:34

Distance from shore: to 50 ft Tide: -1.1 ft at ~~2:49~~ 2:34 P.M.

Depth of capture: Depth of water: ^{at San Diego} to 5 ft

Method of capture: 25' 1/4" bag seine

Collected by: C.L. + L.C. Hubbs and E.M. Kampa Date: XI.18.1945

Orig. preserv.: 10% form + borax Time: 2:30 - 5 P.M.

8. Anchoa compressa: 49 lg. yg. - bl. gr.

TO 45MM

Distinguished by deeper, more compressed body; longer anal. Less intense black pigmentation at base of C. more complete stippling on lower side of snout. Almost complete lack of pigment at tip of mandible (often but not always developed in delicatissima). Development of only a trace of the yellow pigment.

Anchoa delicatissima: 110 lg. y. -

TO 45MM

bl. gr. Carotenoid pigment variously developed, sometimes weak or almost absent. The greatest development occurs about the tip of the mandible and the lower side of the snout, but often considerable at base of vertical fins, and occasionally at scale bases of back. The longer, sharper maxillary (over)

in delicatissima is another obvious character.

27. Fundulus p. parvignis: 65 hl. gr. - ad,
To USNM. ♂ and ♀

40. Aeneosthes tennis: 2 yg (41.5)

at 570 }
40 } Atherinops affinis littoralis: series,
yg. - hl. gr. (discard)

58. Leptocottus armatus australis: 2 ad.
at 570 } discard

57. Syngnathus auticus: 2 subad. 2(89.5-96)

at 570 }
57. Syngnathus griseo-lineatus 27(41-143)
leptorhynchus: 26 yg. - ad.,

including 1 pregnant ♂
59. Sillichthys mirabilis: 7 hl. gr. - ad.
To USNM. } Quietula y-canda: 111 hl. gr. - ad.
Hypnus gilberti: 98 hl. gr. - ad.
Clevelandia ioz: 24 all ad., mostly
mature ♀'s.

60. Porichthys myriaster: 1 small hl. gr.

64. Paralichthys californicus: 17 yg. -
51-219 mm.,
To USNM. hl. gr., 5 L.; 2 R. Counts in Group 64 file
and eyeless

Hypsopsetta g. guttulata: 29 yg.
to ad. all Rights. Entered
in Group 64 file
17-187 mm.