

Locality: Baja California: lagoon at mouth
~~at mouth of~~ Rio San Miguel, 2.8 mi. by road N. of
 Ensenada, from about old highway location to mouth
 Lat. $32^{\circ} 5' 35''$ N.; Long. $116^{\circ} 52' 55''$ W. (USC & GS chart 1149, 1889)
 Water: rather dirty; almost totally fresh to taste, varying to slightly brack
 Vegetation: virtually none - a trace of Macrosyrtis washed in

Bottom: fine sand to soft mud. Temp.:
 Shore: broad Salicornia flat. Current: none to slight *
 Distance from shore: to 60 ft. Tide: outgoing
 Depth of capture: Depth of water: to 4 ft.
 Method of capture: 5' x 25' seine 3/4" mesh with 5 x 5 x 5 bag 1/4" mesh
 plus 3 x 17' bag seine of screen
 Collected by: H. H. Hildebrand, J. S. Hildebrand, J. S. Hildebrand Date: II: 8: 1945
 Orig. preserv.: 10% formalin by guess. Time: 3-6:30 P.M.

* swift in another channel
 over bar that is covered by high tide.

Creek with considerable flow under bridge
 of new highway bridge.

Whole coll. saved in 5 gallon can, except Fundulus
 Water must become brackish above and nearly salt below at high tide

27. Fundulus p. parvipinnis: large series of yr. - ad.

saved, many discarded; commonest in almost
 totally fresh sloughs + ponds over mud at a
 depth of a few inches; few toward mouth in
 more brackish water. 432 spec, 16-74mm

CAS
 19373

40. Atherinops c. californicus: small series of
 very yr., mostly from up lagoon where fresh,
 over mud and sand. dried, discarded
 10 July 1964 DWS

40 Atherinops affinis - either littoralis + caesariensis or
 intergrades. a few half-grown in near fresh
 water up lagoon, many to yr. - ad, incl.
 ♂s with milt, from mouth of side channel near
 mouth of main lagoon. (discard)

55. Leptocottus armatus australis (9) 10(33-42)
 of large yg. from muddy slopes in nearly
 fresh water.

59. Gillichthys mirabilis : small serini
with serini net, over sand + mud,
nearly fresh water. 11 (11.5-18.5)

CAS 19409 Clevelandia ios : small ser., over sand +
mud, mostly in serini serini;
nearly fresh water; sand + mud. 53 after
16-29 mm

64. Hypsogsetta f. guttulate : small ser. in Y.
to subad., mostly lg. Y.
6 yg. to go after counting
15-9 mm. 17-48 mm.

61 Hypsoblennius gilberti 103 (20-96) T.O.K. Feb '59