

Locality: Calif. Tijuana Slough on side toward
ocean near mouth, about 1.6-1.8 km. S. of Imperial Beach, Ca.
 Lat. $32^{\circ}33.70' N$, Long. $117^{\circ}08.85' W$ (USC&FS chart 5106, 1917)

Water: salt, muddy; bottom vis. about 2 ft.

Vegetation: none

Bottom: sand and mud rather firm; ^{some from shell beds} Temp.:

Shore: sand and mud flats & low banks Current: mod. to none

Distance from shore: width of slough now 35-150 ft. Tide: outgoing

Depth of capture: varied Depth of water: 5.4 ft.

Method of capture: 25' $\frac{1}{4}$ " Baird seine

Collected by: Carl L. & Laura C. Hubbs Date: I: 1: 1945

Orig. preserv.: 1090 form. Time: 4:15-5:45 P.M.

All saved except some gobies and small smelt.

27. Fundulus g. parvipinnis: Syng. - ad.
26-63 mm. To Calif. Acad. 11431

40. Atherinops affinis littoralis: series hl. gr.

(discard) to ad. Retained at S. 20. All seem typical littoralis. Especially abundant in tidal current not over 1 ft. deep over hard shell bottom. All with golden or iris and opercle patch.

59. Slypnus gilberti: 1 ~~sp.~~ hl. gr., 20 mm.
Concealed opercular spot smaller than usual.
D. V-I, 15. A I, 14
To Charles Clotier (Copied for Group 59)

Clevalandina ios: 40 hl. gr. - ad, $\sigma + \phi$, 19-32 mm.

To Calif. Acad. ¹¹⁴³⁰ Found on both sand and mud bottom, especially abundant in one flat shallow cove, swimming in schools just off bottom.

(over)

64. *Paralichthys californicus*: 5 (1 yg. + 4 yr.)

St. L.	Eyes	D	A	P ₁	C
129	L	62+7=69	44+8=52	12-12	15
15	L	—	—	—	—
120	L	66+8=74	47+9=56	12-12	15
116	R	58+10=68	41+12=53	11-12	15
107	R	62+8=70	45+10=55	12-12	15

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 (Left-right count added to Bilateral Asymmetry M.S.
 Jan. 1945)

Hypsopretta g. guttulata: 7 hl. yr. - ad.

St. L.	Eyes	D	A	P ₁	C
145	R	65+3=68	46+3=49	13-13	15
165	R	65+1=66	47+1=48	11-12	15
149	R	65+2=67	49+2=51	13-13	15
146	R	68+1=69	48+2=50	11-11	15
130	R	63+3=66	46+4=50	12-12	15
134	R	63+1=64	45+1=46	11-11	15
128	R	65+2=67	47+3=50	12-12	15

(Copied for group 64 file)

CAS 11435