

SI061-183

State of Country: México - Baja Calif Norte Field No: 1961-V:1-2 A

County: <sup>Sonora</sup> San Luis Gonzaga Map: HO 0619, 1942

Locality: on either side of the bars of the tumbales between two halves of bay

Lat. 29° 48.8' N, Long. 114° 23.9' W.

Water: clear and salt

Vegetation: almost none

Bottom: soft clean sand

Cover: none

Temp.: warm

Shore: clean sand tumbales

Current: little

Dist. offshore: to nearly 200 ft.

Stream width:

Depth of capture:

Depth of water: to ab. 6 meters

Collected by Carl L. Hubbs and party (Stover and Harvey)

Tide:

Date: 1-2:1961

Method of capture: 150' bag seine, 10' wings

Orig. preserv.: 10% form

Time: 2245 (V:1) → 0045 (V:2)

One 5-gallon can of *Opiathanema* only + 1-5 gal. can of mixed collection + 1 quart jar of small specimens

[ Natives use "sardina" for *Anchoa* sp. ]  
3 small shrimp

6. *Myliobatis californicus*: ab. 6 disc.

6. *Rhinobatos* sp.: 1 smallest saved, 2 or 3 apparently of same species discarded

8A *Elops affinis*: 1 ad. to ad, sev. disc. "Sabal" 3(222-255)

8B *Alpula vulpes*: 1 lg. ad, a few disc. + sev. small juveniles 18(180-271)

8C *Opiathanema sp.* 5 gal. can saved larger number disc. (= "anchovetta"), random sample of breeding population 93(167-208)

23. *Hemiramphus* sp.: sm. ser. of ad.; mandible with bright red tip. Caudal uniform dusky olive

↖ *Hyporhamphus unitasciatus* 5(180-225)

23. *Fodiator acutus pacificus*: 1 ad. 1(136.5)

40. *Atherinops affinis* subsp.: 4 yg

*Leuresthes salina*: one small yg. and several large a few yg. or yf.

*Calpichthys regia*: 2 ad.

*Mugil cephalus*: ab. 20 sm. to lg. ad. (over)

41. Eucinostomus ~~argenteus~~ <sup>dowii</sup> 54(38-155)  
" elongatus? : lg. yr.

42A Citula dorsalis (Carangoides otrunter) 3(107-112)

~~42. Alectis albas 3 lg. yr.~~

43. Scomberomorus rupe, or concolor: 1 ad, saved for study

→ 44B Orthopristis reddingi: ~~5(95-134)~~ 5(95-134)

\* 44D Xenistius californicus: ser. of ad., incl. lg. ripe ♀s, #13(97-153)

Brachydeuterus? : 2 ripe ♀s; may be 2 species.

44A Haemulid deep-bodied species: 1 lg. ad. (303) Tark  
Haemulon sexfasciatum

46. Cynoscion macdonaldi: 2 lg. yr.

" sp. parvipinnis? : yellow mouth, sev. ll. yr. - ad. disc. (391) <sup>runny</sup> ripe ♀  
46A Menticirrhus undulatus 1 lg. ad. preserved with Opisthonema

59A Quelula pacifica: several ad. 4(47-51)

~~59 Gobiosoma chiquita 6(41-57)~~

64. Hypsopsetta guttulata macrocephala: 1c

64 Hypsopsetta guttulata 1c  
Sal L. & larvae (Hills)

44C Haemulopsis elongatus 3(138-149)

44E Lythron flaviguttatum 1(48)  
Haemulon sexfasciatum

\* 3 spec. Gift to IMARPE, Peru 5/1983