

SIO 64-84

State or Country: Mexico: Baja California^{Sur} Field No. Mag Bay C-16
 County: Map: H.O. 1493 27th Ed. 1
 Locality: Mangrove lagoon east of area where tides meet
 between Boca de Soledad and Boca de Santa Dominga,
 Lat. 25° 23.3' N., Long. 112° 05.7' W.
 Water: Somewhat cloud, bottom visible at 3 ft.
 Vegetation: Some eelgrass beds (small), some small
 clumps of red algae.
 Bottom: Mud, some broken shells.
 Cover: Mangroves Temp.: Start 13.4°C, End: 18.7°C
 Shore: Mangroves, some sawgrass Current: Weak
 Dist. offshore: Stream width: Up to 500 ft. (at mouth)
 Depth of capture: Up to 5 ft. Depth of water: Up to 5 ft.
 Collected by: Bernard J. Zahuranec, Alan J. Staver & party.
 Tide: Outgoing to Low, rising to low high. Date: Feb. 5, 1964
 Method of capture: Rotenone and dip nets.
 Orig. preserv.: 10% Formalin Time: 0900 to 1400 hrs. P.S.T.

7 small Mugil given to Freihoffer 3 Mar. 1964
 8 small Eucinostomus saved out for Freihoffer
 4 " Gerytes Egerres " " " "

44A Pomadasys macracanthus 16 (73-336)
 *38A Lutjanus novemfasciatus - 2 (117-118) Tank
 → 35A Paralabrax maculatofasciatus 2 (78-136)
 41A Diapterus peruvianus 2 (30-41)
 41B Eugerres axillaris 24 (43-225)
 [redacted]
 41 Eucinostomus dowii 216 (20-49)
 41 Eucinostomus curtari PARATYPES 11 (21-42)
 41 Eucinostomus entomelas 49 (17-49)
 59 Gillichthys mirabilis 1 (20)
 59 Gobiomellus sagittula 9 (14-59)
 61 Exerpes asper 2 (30-33)
 [redacted]
 34 Sphaeroides annulatus 2 (58-73)
 23 Hyporhamphus rosae 3 (80-85)
 40 Mugil curema 49 (21-92)
 8 Anchoa lucida 10
 57 Syngnathus auliscus 5 (77-91)
 59 Microgobius tabogensis 11 (22-40)
 46 Umbrina ^{wintersteeni} ~~sinicola~~ 49 34 (168.5-246)
 PARATYPES 49 54 (168.5-298)
 -5 given to USNM, USNM 316655
 * discarded 1 Oct 1965 DWD (over)

Collecting site was a mangrove lagoon creek, deep, narrow and winding, and the outside, broad shallow mud flat area. Mostly, the outside area contained only small fish, although the 2 mangrove snappers were found there. The inner creek contained the larger fish in very large numbers, many more than we could have brought back with us.

Measurements of whole fish (Mangrove Snappers)*

Fish No. 1 - S. L. 50.5 cm; Tot. L. 61.5 cm.
L.L. scale count 48 (approx.)

Fish No 2 - S. L. 51.5 cm.
Tot. L. 61.5 cm.
L.L. Scales 48 (approx.)

* Lutjanus novemfasciatus (discarded)
(see over leaf)