

State or Country: Mexico: Sonora Field No 51068-242
County: Golfo de California Map: _____, 1
Locality: S. E. part of Estero Soldado (ca. 5 mi. NW
of Guaymas) Estero Soldado
is at ca. Lat. 27° 58' N., Long. 111° 00' W.

Water: _____
* Vegetation: patches of sea grass & mangroves

Bottom: mud, sand, & rocks

Cover: _____ Temp.: _____

Shore: _____ Current: _____

Dist. offshore: 0-50' Stream width: _____

Depth of capture: 0-4' Depth of water: 0-4'

Collected by D. Hoese, L.T. Findley, G. Galsterer & K. Muenich

Tide: Ebbing Date: 12 April 1968

Method of capture: Chumfish & hand nets

Orig. preserv.: 10% form. Time: 13:00-1600 MST

DFH68-20

- * 3 habitats poisoned 1. shallow mud around mangrove roots & mud flat (w/ fiddler crab burrows) 0-2'
2. Light colored sand 0-2'
3. Rocks - underlain by sand & mud - rocks, w/ barnacles & oyster shells
(*Barbulifer pantherinum* taken only from areas where sponges occurred)

58 *Erotelis armiger* 1(59)

61 *Malacoctenus gigas* * 21(69-84)

* 7(78-84) Gift to LACM

61 *Hypsoblennius gentilis* 15(17-68)

60 *Opisthognathus scops* 2(89-95)

59 *Gillichthys mirabilis* * 43(16-46)

* 12(24-37) Gift to LACM

59 *Quietula guaymasiae* * 122(10-42.5)

* 50(21-40) Gift to LACM

59 *Quietula y-cauda* 36(11-27.5)

59 *Barbulifer pantherinum* 4(20-28)

59 *Bathygobius ramosus* 3(30-34.5)

59 *Gobionellus sagittula* * 1/2 ser 258(16-60)

* 100(20-71) already given to LACM

61	<i>Labrisomus xanti</i>	1(124)
61	<i>Labrisomus multiporosus</i> (Gift to Austr. Mus.)	2(55-118)
61	<i>Paraclirus mexicanus</i>	2(24.5-28)
61	<i>Paraclirus siri</i>	5(25-37)
53	<i>Scorpaera sororae</i>	2(56-58)
26	<i>Myrophis vafer</i>	109(58-330)
59	<i>Ophiogobius histrio</i>	2(16-19)
34	<i>Sphaeroides annulatus</i>	2(80-103)
59	<i>Gobiosoma chiquita</i>	287(15-42)
40	<i>Chaenomugil proboscideus</i> 55(20-32), found decomposed, disc. 3 Dec. 1971.	
57	<i>Syngnathus auliscus</i>	3(61-104.5)
35	<i>Apogon retrosella</i>	3(52-60)
8	<i>Albula vulpes</i>	127(19- ⁴⁸ 35) (incl. 30 gift to LACM)
61	<i>Ogilbia</i> sp.	4(44-48)
26	<i>Ariosoma gilberti</i>	6(144-187) (2 as gift to LACM)
61	<i>Emblemaria hypacanthus</i>	1(42)

Rout.

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Gifts to LACM 19 June 1968

- ← 26 *Anisoma gilberti* 2 (160-172)
- Myrephidion vafon* 50 (58-197)
- Epinephelus analogus* 7 (85-114)
- Gobionellus sagi* 100 (20-21)
- ← 8 *Albula vulpes* 30 (35-24)
- Symphurus* sp. 2
- Rypticus bisolar* 2