

SIO 73-276

State or Country: off El Salvador
 County:
 Locality: ca. SW of Punta Amapala (west point of Golfo de Fonseca)
 Lat. $13^{\circ} (06.5' \rightarrow 05.1')$ N., Long. $87^{\circ} (57.6' \rightarrow 59.5')$ W.
 Water: blue but not deep blue and moderately clear
 Vegetation:
 Bottom: very even, very gentle slope
 Cover:
 Shore: long, straight sandy beach
 Dist. offshore: 3-4 nautical miles
 Depth of capture: bottom
 Depth of water: holding, 13.5-16 fm
 Collected by: Carl L. Hubbs & party on SIO
 Date: 14 May 1973
 Method of capture: 40-ft. nylon semiballom otter trawl
 Orig. preserv.: 10% buffered formalin
 Time: holding: 0906-0936 hrs.
 Overall, 0903-0940 hrs. CST

2.5 mile operations 150 m. wire out.

Large and diverse fish collection (put in five 5-gal. cans).
 Also many invertebrates

Carl L. Hubbs

MAY 14 1973 Richard S. Lee reports having retained at USFWS for gill & heart measurements:

Centropomidae 3
 Cetongraulidae 3
 Saurichthys 2
 Vomer 6
 Trichiurus ritens 3

SL. N.

waltersi Paratypes

60 Batrachoides ~~boulengeri~~ 11 (50-240)

41 Eucinostomus argenteus 1 (119)
 44 Pomadasys panamensis 8 (118-136.5)
 42 Peprilus medius 3 (125-131)
 8 Opisthonema sp. 24 (52-89)
 25 Synodus scituliceps 1 (217)
 26 Ophichthus zophochir 1 (181)
 44 Haemulopsis nitidus 1 (119)
 40 Sphyræna ensis 1 (130)
 40 Polydactylus approximans 23 (44-178)
 46 Nebris occidentalis 100+ (20-73)

60	<i>Porichthys margaritatus</i>	17 ⁷⁴ (34-90)
* 46	<i>Macrondon mordax</i>	1 (20-235)
46	<i>Larimus effulgens</i>	1 (137)
46	<i>Larimus pacificus</i>	combined 2 (117-120)
46	<i>Larimus aequalis</i>	18 (51-129)
26	<i>Cynoponticus coniceps</i>	★ 2 (538-634)
* 46	<i>Isopisthus remifer</i>	300+ (16-165)
42	<i>Vomer declivifrons</i>	161 (55-130)
17	<i>Bagre pinimaculatus</i>	11 (128-166)
51	<i>Parapsettus panamensis</i>	30 (29.5-43.5)
43	<i>Trichiurus nitens</i>	4 (292-353)
46	<i>Cynoscion squamipinnis</i>	1 (231)

60 *Porichthys greeni* 2 (37.5-42)
 - removed from *P. margaritatus* jar

8	<i>Cetengraulis mysticetus</i>	1 (151)
46	<i>Stellifer</i> sp.	3 (95.5-115)
64	<i>Cyclops setta querna</i>	1 (161)
26	<i>Ophichthus longipennis</i> PARATYPES	3 (334-352)
64	<i>Symphurus elongatus</i>	32 (59.2-117.1)
64	<i>Symphurus melanurus</i>	1 2 (119.8) (132.5)
64	<i>Symphurus chabanaudi</i>	5 (169-196) + 12 (162-196)
60	<i>Porichthys margaritatus</i>	17 (74-90)
64	<i>Symphurus prolatinarius</i> PARATYPE	1 (119.8)

64 *Etropus crossotus* 1 (164)
 64 *Trinectes xanthurus* PARATYPES 2 (59-59.5)

★ tissue to Arizona State Univ., Nov 1998

35	<i>Centropomus unionensis</i>	1 (114)
46	<i>Stellifer illecebrosus</i>	83 (23-102)
39	<i>Pseudupeneus grandisquamis</i>	1 (56)