

State or Country: México (Trawl 4) Field No. S1057-213
County: Baja Calif. Norte Map: H.O. 1688 E: 119° 19' 1950
Locality: E. side Guadalupe I. (north half)

See below for CPUS positions - (Corrected values over)
N, Long. W.
Water: clear, net ca. 29° 11.1' - 03.1' N
Vegetation: - 118° 13.1' - 11.0' W

Bottom:
Cover: Temp:
Shore: rocky cliffs Current:
Dist. offshore: 1 + 4 naut. miles Stream width:
Depth of capture: Est. 470 fath. Depth of water: approx. 600 - 1200 fath.
Collected by: Carl H. Webb + party on "Stranger"
Tide: Date: XI: 15: 1957
Method of capture: 6' midwater trawl (1 Saeco - Kidd)
Orig. preserv.: 10% neutral form. Time: day, see below

Everything saved

Positions as plotted by Capt. on erroneous VI: 1957 edition of chart

1100 PST Trawl in water Course 165° T

Position 29° 11' 3" N; 118° 13' 4" W

1300 PST Course 345° T

Position at start of widening 29° 03' 7" N,
118° 11' 0" W

Position at final turn 29° 04' 0" N,
118° 12' 03" W

1340 PST Course 318° T Position 29° 05' 05" N

118° 13' 0" W

1432 PST End of tow Position 29° 07' 04" N

118° 14' 06" W

Various smaller fish and smaller inv. in pt. jar

1 - 2 1/2 gal. jar of fish

1 - pt. jar selected inv.

1 - pt. smaller fish

9. Bathylagus sp. : 1 hl. sp.

10 Cyclothone acclinidens → 120 yg-ad counted
147 (23-55)

" signata : 7 hl. sp. - ad.

Micropogonias undatus : 3 hl. sp.

Valenciennes ~~guelatus~~ : 1 hl. sp.

Argyrops sp. : 1 very yg; 1 ad.

10 ^A Borostomias sp. ? : 2 large ad. Head of barbel deep red, the stem black (pink after injury) Photophore behind eye ruby silvery.

Stomias atroventer : 3 large adults. Body of barbel pale at base but mostly purple with 3 black terminal filaments. 1 showed minute whitish eggs.

Idiacanthus retrodorsalis : 2 ad. Barbel sooty-

25. Lampanyctus mexicanus : 1 yg-ad., 194 sorted out. 4 yg. of Lampanyctus may be this sp., others probably unsorted material

Myctophum sp. : 1 yg.
~~Some~~

Some larval fish are probably myctophids.

Electrona arctica : 2 hl. yr.

26. Seriowana : 1 ad.

Weisner's log:

1100 trawl in water
1125 " down, 2000 m. wire out
1200 } < 65°; calc. depth 470 fath.
1245 }
1320 start in
1425 trawl on deck.

Corrected positions as determined from course as replotted using same angles & dist.ances on H&I:16:1956 chart.

	Lat. ° N.	Long. ° W.
Trawl in water	29° 11.5'	118° 13.0'
Trawl down	29° 09.5'	12.5'
Start of long turn	29° 03.9'	10.7
Turn completed	29° 04.2'	12.1
Start in	29° 04.9'	12.3
Trawl on deck	29° 07.6'	13.9

(P rep section of sheet same as for 212)

510-57-213

8 (Alepocephalidae) Mexico 1/9 (25)

9 Bathylagus wesethi Bolin 2 Pl-HG(20-46)

10 Argyropelecus affinis Garman 1 Ad(54)

10 A. heathi ~~Gilbert~~ intermedius 1/9 (10)

10A Borostomias panamensis 2 Ad(188-196)

10 Cyclothone acclinidens Garman 147(23-55)
y9-Ad

C. signata Garman 27/9-Ad(19-30)

10 Cyclothone pseudopallida 1(32)

10 Danaphos oculatus (Garman) 1 Ad(35)

Idiacanthus antrostomus Gilbert 2 Ad(231-236)

Stomias atriventer Gilbert 3 Ad(207-213)

10 Vinciguerria lucetia (Garman) 3 Ad(25-33)

25 Ceratoscopelus townsendi (Eig & Eig) 4 HG(22-24)

25 Electrona arctica (Lütken) 2(25-27)

25 Diogenichthys atlanticus (Taning) 2/9(13-15)

* Lampanyctus festivus Taning 3/9-HG(27-45)
OVER

25 Lampanyctus mexicanus (Gilbert) 198 1/9 Ad (2065)

(Myctophidae) 1 Ph (17)

26 Seriomer sector Garman 119 Ad. (610)

Alfred W. Ebeling

III: 11: 1958

25 Lampanyctus ritteri Gilbert 1 (27.5)

* may be out of L. festivus lot - unclear

25 Nannobrachium bristori 1 (43)

25 Nannobrachium 1 (27.5)

* ~~may~~ be out of festivus lot