

State or Country: Mexico (Trawl 3) Field No. S1057-212

County: Baja Calif Norte Map: HO 1688 VI: 1957

Locality: Off S. side Guadalupe I. (along most of length). T: 20: 1956

Course 009° T Till 0350 then 345° T

Total operation of Lat 28° 53' 2" N, Long 118° 11' 5" W

Water: ~~chart~~ to 29° 09' 8" 118° 11' 9"

Vegetation: Corrected positions } Trawl in — 28° 53.3' N, 118° 11.6' W

Bottom: from replot on } Trawl down — 28° 54.7' 118° 11' 0"

Cover: (9.5% chart) } Change course — 29° 03.1' 118° 09.1'

Shore: rock cliffs Current: Trawl in — 29° 06.4' 118° 10.8'

Dist. offshore: ab. 2-4 naut. miles Stream width: Trawl on deck — 29° 09.3' 118° 11.9'

Depth of capture: Est. 470 fath. Depth of water: ~~ab. 850-1300 fath~~

Collected by Carl E. Stubbs and party on "Stranger" (chart)

Tide: Date: XII: 15: 1957

Method of capture: 6' midwater trawl (Tracac-Kidd)

Orig. preserv.: form (10% neutral) Time: at night, all below

Everything saved

Trawl in water 0100 PST, 28° 53' 2" ; 118° 11' 5"

0350 " 29° 03' 8" ; 118° 09' 09"

Trawl on deck 0615 " 28° 09' 8" ; 118° 11' 9"

2000 M. of wire out.

1 qt jar of fishes

1 qt " " insect.

1 lb. " " mixed, possibly a few fishes

10 larval fish, unidentified

8A ~~Sagaminichthys~~ Holtbyrnia latifrons 2 yg (26-31 mm)

9. Leuroglossus : 2 yg.

Baechylagmus : 3 yg - ad

10. Gonostomatid: Danagobius oculatus (Seurman)

~~Valenciennes~~ : 4 yg - hl. g.

10 ~~Vinciguerrina lucida~~ : 1 yg - ad 7 (17-38)

Cyclothorax signata : 10 yg - ad

acclinidens : 233 yg - ad

10 Argropelagus intermedius 1 (15)

Sternoptyx : 2 hl. g.

(over)

~~10 (or?) Hierops crockeri~~  
26A ~~Electrona arctica~~ 3 w. gr. - ad. (21-30)

Lampyctus mexicanus : 22 yg. - ad.

Diaplys sp. : 1 ad.

31A Scopelogadus mizolepis  
Melanophaes bispinosa : 1 w. gr. (30)

31B Poromitra sp. crassiceps : 1 yg. (21)

Myctophum affine : 1 w. gr.

Wisner's log: Trawl in water 0055  
net hauled just below surface 5 m.  
because of wind trouble.  
Start letting out again 0100  
Net down 0125;  
2000 m. wire out,  $\angle 65^\circ$ ; calc. depth 470 fath.  
Start up 0500  
Trawl on deck 0610.

Wisner in charge of operation.

Captain's plot on chart of June, 1951.

Chart updated onto " " I:16:1958 by C.L.H.,

XII:22, and sheet somewhat augmented.

Rough field identifications by Hubbs & Wisner.

Field sheet prepared by Laura C. Hubbs.

8 Holtbyrnia spinthara 2(25-27)?

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8. ~~Holtbyrnia latifrons~~ 2 Y9 (26-31)

~~Sagamirethys abei~~

9. Bathylagus wesethi Bolin 9 Pt-Ad (21-80)

Leuroglossus stilbius Gilbert 1 Y9 (30)

10. Angyropelecus affinis Garman 2 HG-Ad (34-50)

10 A. A. heathi Gilbert intermedius 1 HG (15)

10A A. lychnus Garman hawaiensis 2 Ad (45-58)

10 Cyclothone acclinidens Garman 230 Y9-Ad (24-60)

10C. signata Garman 24 Y9-Ad (19-33)

10 Danaphos oculatus (Garman) 3 HG-Ad (21-38)

Sternoptyx obscura Garman 2 HG (24-29)

10 Vinciguerria lucetia (Garman) 7 Y9-Ad (17-38)

25. Ceratospopelus townsendi (Eig & Eig) 2 Y9-Ad (24-46)

25A Hierops crockeri  
Electrona arctica (Lütken) 3 HG-Ad (21-30)

(Iniomis) 1 Pl (13)

Lampanyctus ritteri  
festivus Taning 1 Y9 (24) <sup>22.5</sup>

over

25 cont. L. mexicanus (Gilbert) 22 Yg-Ad (21-65)

Scopelogadus mizolepis

31A Melamphaes bispinosus (Gilbert) 1HG (30)

Paromitra crassiceps

31B M. cristiceps Gilbert 1 Yg (21)

A. W. Chelung  
II: 26: 1958