

State or Country: México Field No: S.1057-19.1  
County: Baja Calif. Norte Map: 1  
Locality: Along E. shore Sanadulaga? Course 003° T  
Trawl over abyssal, 118° 13' 28.55" N, 118° 11' 40" W.  
Trawl out on bottom at 29° 55' 35" N, Long. 118° 13' 11' 35" W.  
Trawl started at 29° 55' 02.50" N, Long. 118° 13' 11' 10" W.  
Water: clear; net trawl in 25° 55' 04" 06" N, 118° 12' 5' 11' 08" W  
Vegetation: none

Bottom: .....  
Cover: none Temp: 19.72 at 0325  
Shore: reef Current: .....  
Dist. offshore: at 1.5 - 2.0 mi. Stream width: ..... (closed)  
Depth of capture: est. 264 - 276 fath. Depth of water: about 400 - 700 fath.  
Collected by Carl L. Strubbs and party on Orca - Operation  
supervised by Allan J. Stover Date: X: 29: 1957  
Method of capture: 6' midwater trawl  
Orig. preserv.: form Time: 0210 - 0515 (Trawl down)  
0130 - 0550, total operation

- 1 - quart jar misc. invertebrates
- 1 qt " jellyfish and molluscs - Failed to catch
- 1 " " Cyathone only
- 1 " " Langouretes mexicanus only
- 1 " " Melanoglossus and Aggropaleas
- 1 - 4oz jar larval fishes
- 1 vial with squid
- 1 " with 15 tomated
- 1 " with choice invertebrates

Entire collection saved.  
At least 2 additional species seem to be represented among the larvae.

- 8. Alporophalid: several very yg. Prob. Searia
- 8A. Sagamiichthys ~~sp.~~ Halkiyrhio latifrons 1 (24)
- 9. Bathylagus sp.: very yg. several, possibly 2 species
- Leuroglossus stibius: sev. larvae
- 10. Cyathone acuminata acuminata: yg - ad many. Definitely predominating 295 (17-50)

(over)

10. Cyclothone signata : few hl. gr. - ad.

Vinciguerria lucetia : sev. yg. - ad.

Maurollicus : 2 hl. gr.

10 Argyropelicus intermedius <sup>1(17)</sup> sev. yg. - ad.

10 Sternostyx diaphana : 1 yg (8)

11. Stomias atriventer Sibur 1(60)  
~~Stomias~~ atrid : 1 hl. gr.

25-A Hierops crockeri 1(22)  
~~Electrona arctica~~ : 1 yg. + ad.

25 Diogenichthys lateratus 1(11)  
Lampanyctus mexicanus : series

31A Scopelogadus mizolepis 4(22-70)  
Melanphas bisymphorus : sev. hl. gr. - ad.

Carl L. Hubbs (with Laura C. Hubbs;  
trawling data by Stover).

25 Lampanyctus idostigma 1(18)



210-27-141

Alfred W. Chelting

8591:41:1958

61 Gibbonsia horae

3(40-48)

10 Agropyroideus affinis Garman 27/1-11/19-50

10 Cyclotone pseudopallida Garman 27/1-11/19-50  
A basil Gilbert intermedia (19)

10 C. signata Garman 27/1-11/19-50

10 Danaphos oculatus (Garman) 2(22-22)

Steropox obscurus Garman 1/1(8)

Stomias atriventer Garman 1/1(60)

10 Vinciguernia luctis (Garman) 27/1-11/19-50

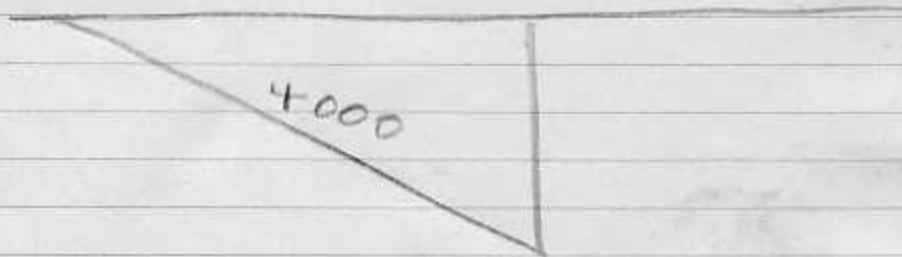
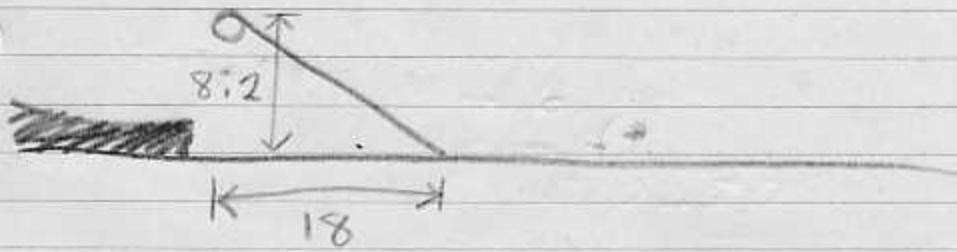
22 Biopogonichthys lateratus (Garman) 1/1(11)

Electrona arctica (Lütken) 1 H(22)

Lampanyctus isostigma Purc 1/1(12)

1. Mexicanus (Gilbert) 21 PR-84(12-21)

(Mystogobius)  
2 PR(12-12)  
31A Electrona, Bispinosa, Gilbert 27/1-11/19-50



8:30:57 (6 ft) Midwater Trawl  
# 2  
S1057-191

Course 003°

Trawl in at 0130  
Down 0216  
Wire length 4000 ft  
Change course 020° at 0250

<u>TIME</u>	<u>WIRE</u> L	<u>DEPTH</u> IN FEET	<u>METERS</u> FATH.
0300	24°30'	1659	276
0400	23°55'	1622	270
0500	23°20'	1584	264

Start up 0515  
Trawl out at 0550

19.72°C BKT at 0325

ALAN D. STOVER

Start trawl down 28° 53'; 118° 13.5'

Trawl down 4000 ft. wire 28° 55'; 118° 13.5'

Course of haul 003°

Speed " " 2.3 knots

Start trawl up 29° 01.8'; 118° 13.0'

Trawl up 29° 05.0'; 118° 12.8'

NOV 5 1957

Disposition of Invertebrate Collections

Insects were collected by J.W. Sefton, Jr.

for someone at Stanford University

Midwater trawl invertebrate to go to

Subdir. of Invertebrate Zoology, S.I.O.

Mollusca (mostly) to E.P. Chace, San Diego

Museum of Natural History.

Mollusca - Land snails incl. Pisnaga,

collected by George E. Lindsay,

divided between S. D. Museum and

S. Stillman Berry.

Conrad Limbaugh has turned over

miscellaneous marine invertebrates

as follows:

Echinoids to Edwin C. Allison

(Mrs. Paleont; U.C. Berkeley).

Sipunculoids to Maxwell

(SIO), who identifies them as

Aspidosiphon (new to eastern Pacific)

& is sending them to Dr.

Fisher at U.S.N.M.

Ophiuroids to Raymond J. Shelandi (S.I.O.).

Sand crab to Cole Bryd - who

reports species looks a little

different from mainland form

Platystrophia under study by Limbaugh.

Carl L. Huber