

State or Country: Mexico Field No. ET(B)-H-4
County: off Baja California Map: 1
Locality: East Pacific

Lat. 24°41' to 24°39' N, Long. 121°43' to 121°43' W.

Water:

Vegetation:

Bottom:

Cover:

Temp.: H₂O (Surface) 21.5°C 70° Air

Shore:

Current:

Dist. offshore:

Stream width:

Depth of capture:

0-520 Fathoms

Depth of water: 2270-2365 fms.

Collected by

A. W. Ebeling, J. H. Knapp & party

Tide:

Date: 4 Oct. 1955

Method of capture:

10' Isaacs - Kidd midwater trawl

Orig. preserv.:

10% Formalin

Time:

0920-1150 pst.

Not a large haul - fished for only an hour during the day. Mostly Cyclothone. Several myctophids including large Lampanyctus idostigma? Two Sternopterus obscura - these were punctured by hypodermic needle (by John Harkewich). These small fishes, about 25 & 26mm contained quite a lot of gas in air bladders, about 0.5cc being taken for analysis. The two fishes bladders contained 83% & 88% O₂ respectively. He removed 3 large pincer decapods (red) to determine longevity in captivity.

Argyropelecus, Melamphaes (1), & others present in haul. A few euphausiids, small, purple Eudactylidae, red mysids (4"), red prawns (4"), colonial tunicates, copepods, and small salps completed the list of invertebrates.

Trawl operated well - no troubles or mechanical difficulties.

A. W. Ebeling, 4 Oct. 1955

10A Vinguerria lucetia 10 (11-31)

25 Scopelarchus analis 1 (53.0)

Over for spec. list.

10. Sternoptychidae

Argyropelecus lychnus Garman 1Yg(15)Cyclothone seclinidens Garman ~~105Yg-Ad(13-53)~~ ^{95(21.5-50)}*atraria*
10 C. pallida Brauer ~~13(31-57)~~
~~1Ad(48-56)~~10 C. signata Garman 11Yg-Ad(19-32)10 Densaphos oculatus (Garman) 1Ad(30)*Vinciguerria*
~~*Powella*~~ lucetia (Garman) 18Yg-Ad(11-31)Sternoptyx obscura Garman 2HG-Ad(25-38)
3 post/larv.25. (*Inia*)

25. Myctophidae

25 Ceratoscopelus townsendi (Eig. and Eig.) 4Ad(34-44)25 Lampanyctus sp. 1Yg(25)L. festinus ^{ritteri} ~~Tönnig~~ 1HG(38)(37)Nannobrachium birstori
~~L. regalis~~ (Gilbert) 1(88) → 1Ad(93)Notoscopelus resplendens ^{resident. RL} ~~resplendens (Garman)~~ ^{Werner} 3Ad(30-38)
25/31/60

25. Scopelarchidae

25A Scopelarchus nicholsi (Parr) 1Ad(53)
^{Island: Marshall, 1956}

31. Melamphidae

31A Scopelogadus mizolepis
~~Melamphaes~~ bispinosus (Gilbert) 1Ad(41)

? unident. larvae 7

A.W. Shelton
22 Aug. 1956