

S10-55-221

State or Country: _____ Field No. ET(B)-H-21
County: _____ Map: (Trawl #3)
Locality: Eastern Pacific Ocean: near Eastropia
Booy station no. 1
Lat. 7°50' to 120°13'
8°12' N. Long. 119°54' W.
Water: _____
Vegetation: _____

Bottom: _____
Cover: _____ Temp: H₂O surface = 26.5°C
Shore: _____ Current: _____
Dist. offshore: _____ Stream width: _____
Depth of capture: 0-14.50 fms. Depth of water: 2110-2530 fms.
Collected by A. W. Ebeling, J. Krauss and party
Tide: "Horizon" Date: 15-16 Oct. 1955
Method of capture: 10' Midwater trawl
Orig. preserv.: 10% Formalin Time: 1900-0610 pst.

Brill broke, presumably on way up, so that net was attached to cable only by one bridle strand. Cable badly twisted so that it had to be cut, about 20 m from trawl. Good haul despite all this; anise eels, Chaetodonts, several Mesomphax, 1 Quateroid, small Stenoptera and the usual assortment of Cycloptera.

Of particular interest was the capture of one giant mysid (about 10"). It is probable that trawl was twisted closed during most of ascent so did not fish to surface.

A. W. Ebeling 16 Oct. 1955.

The large mysid is Gnathophasia ingens (Dohrn); listed by W. Clarke (S. I. C.) (MS). This is the largest specimen (♀ 12") of this species reported and the only sexually mature specimen. (Info. from W. Clarke.)

A. W. Ebeling X: 31:56

Over for app. list

- 8A Talismanie bifurcata (Parr) 1Ad(136)
9. Bathylegus nigrigenys Parr 3Yg-Ad(27-66)
- TO: CHHM
12.16.57 10. Cyclothone scclinidens Garman 225Yg-Ad (18-38)
- C. microdon (Günther) 40Yg-Ad(22-53)
- C. pallida Brauer 1Ad(54)
- 10 C. signata Garman 3Ad(26-31)
- dried discarded Sternoptyx obscura Garman 55Yg-Ad(9-34)
25. Diogenichthys laternatus (Garman) 2Ad(15-24)
- 25A Cetomimus _____ 1HG(64)
- (Inioini) 3PL
- 25B Lampanyctus onostigma Gilbert 4Yg-HG(14-48)
- (Myctophidae) 4PL(14-23)
26. Avocettina bowersi (Garman) 1Ad(540)
- Serrivomer sector Garman 2Ad(430-520)
- 31 Scopeloberyx opisthopterus 1(26)
- Scopelopodus mizolepis
- 31A Melamphaes bispinosus (Gilbert) 2HG(40-46)
- Melamphaes
- M. macrocephalus Parr skeleton: 1(41)(102)
- 31B Scopeloberyx robustus → 6Yg(22-25)
- M. axillaris Garman → 2Ad(66-103)
- M. microps Günther sp. 103mm, removed I: 25.56 awk
- M. opisthopterus Parr 1(26)
- Melamphaes spinifer PARATYPE 1(68.4)
- 31C Melamphaes sp. nov. → PARATYPES 3HG-Ad(38-68)
- Poromitra oscitans
- Melamphaes janae PARATYPE 1(40.1)
- Spp. list cont. on next page

60. Chiasmodon niger Johnson 1Ad(150)

*Ident: Norman, 1929; Parr, 1931. Counts taken
1X:9:57 a.w.k.*

62 **A** Bregmaceros maclellandi Thompson 2HG(16-19)

65. Melanocetus _____ 7 meles(18-22)

Trawl # 3

Coll #: FT(12)-H-21 (S10-55-221)

Date: 15-16 Oct 1965

By: A. W. Ebeling

Trawl in: Time: 1900 pst

Position: 7° 50' N 120° 13' W

Trawl out: Time: 0610 pst

Position: 8° 22' N 119° 54' W

Wire out: 4000m Time: 2105 pst.

$(\cos L) (\overset{4000}{\text{Wire}}) (.55) = \text{depth}$
maintain L bet 60 & 65° fms.

Time (pst)	L	$\cos L$	M wire	Depth of T	Depth H ₂ O
2130	57°	.54	4000	1180 f.	2260 f.
2200	57°	.54	4000	1180 f.	2240 f.
2230	57°	.54	4000	1180 f.	2200 f.
2300	56°	.56	4000	1230 f.	2150 f.
2330	57°	.54	4000	1180 f.	2110 f.
0000	57°	.54	4000	1180 f.	2110 f.
0030	57°	.54	4000	1180 f.	2300 f.
0100	56°	.56	4000	1232 f.	2325 f.
0130	55°	.57	4000	1254 f.	2530 f.
0200	55°	.57	4000	1254 f.	2520 f.
0230	55°	.57	4000	1254 f.	2480 f.
0300	49°	.66	4000	1450 f.	2500 f.
0330	55°	.57	4000	1254 f.	2350

0400 (Start trawl up)

0412

OVER

Bridle of trawl broke presumably
on the way up, since there was
a good net haul, so that net &
flume was attached to cable by
only one strand. It was raining
hard when trawl was brought in.
The net was twisted so that a
couple of the metal rings in
the net were broken.

Trawl watch

A. W. Ebeling

J. Komwicker

M. Dutre