

State & Country: off W. coast, Baja California, Mexico. Field No. = S1066-42

County: _____ Map: G10 Topog. Chart I, 1964
H.O. Chart 5760, 1961

Locality: Basin off northern Baja California Norte

Basin is enclosed by the 1,000-fathom contour

Lat. 31° 05.4' → 31° 24.0' N, Long. 117° 19.1' → 117° 41.6' W

Water: clear, blue 31° 14.7' N 117° 30.3' W

Vegetation: _____

Bottom: generally flat and smooth; gently rolling in places

Cover: _____ Surface Temp.: 16.4 → 16.5 (thermograph)

Shore: largely rocky Current: _____

Dist. offshore: _____ Stream width: _____

Depth of capture: sat to m (to 3,500 m W) Depth of water: 1023-1176 fath (P.D.R.)

Collected by Carl L. Hubbs, Robert L. Wiener, Allan J. Storer, Jr., and party on

Vide: S10 R/V "Alexander Agassiz" Date: IV-7-8: 1966

Method of capture: 10 ft. Deane-Kidd midwater trawl, non-closing, meter-net cod-end

Orig. preserv.: 10 buffered formalin Time: 2048-0554 (P.S.T.)

MX66-I-37

2048 → 2147 hr.: payed out from surface to 3,500 meters
wire out (m W).

2147 → 2156 hr.: held at 3,500 m W.

2156 → 0204 hr.: slowly and evenly hauled to surface,
at rate of ca. 15 m/minute; not brought aboard;

promptly payed out again at about same rate

0204 → 0437: payed out slowly and regularly to
3,000 m W.

0437 → 0554: trawl hauled back to surface;
aboard at 0554

A superb catch, with fish in excellent condition,
containing such prizes as a live *Rondeletia* (with
light part of fins pale orange-red, and rest of fins and
all of head and body, except ^{about base of} ~~snout~~ where slightly
damaged, rich blackish); a *Chiasmodon* with greatly
expanded abdomen (text-book style); a *Saccopharynx*
in virtually perfect shape; a small injured
Eurypharynx; a perfect *Microrictus*; a *Bathylagus*
apparently nigricans, and others. An exciting ending of a
fruitful expedition!

FISHES

One 1-gallon jar, with fishes
named above, and others

One 1-gallon jar, nearly
full of miscellaneous

One 1-qt. jar (over size) with
larvae and very small

and/or special fishes.

Field Data Sheet: Fish-12m-8, 60 (B22/Vm) 997

INVERTEBRATES

One 1-gallon jar of salps, some
of the jellies, a large *Vampyroteuthis*
one of the odd squids taken, etc.

One 1-gallon jar full of miscellaneous

One 2-qt. " " " "

One 8-oz. jar of plankton
(washing strained through
meter-net cod-end)

Carl L. Hubbs

10	<i>Cyclothone atraria</i>	2 (44-47)
	loricata	
25	<i>Rondeletia bicolor</i>	1 (93.5)
10	<i>Danaphos oculatus</i>	5 (30-35)
10	<i>Ichthyococcus irregularis</i>	2 (46-60)
* 25	<i>Eurypharynx pelicanoides</i>	1 (311)
25	■ <i>Saccopharynx schmidtii</i>	2 (673)
60	<i>Chiasmodon niger</i>	1 (128.5)
25	<i>Ceratoscopelus townsendi</i>	12 (20-47)
25	<i>Lampanyctus regalis</i>	1 (156)
25	<i>Lampanyctus ritteri</i>	19 (19-112)
25	<i>Parvilux ingens</i>	1 (60)
25	<i>Triphoturus mexicanus septentrionalis</i>	256 (20-67)
25	<i>Rosenblattichthys volucris</i>	1 (34.5)
8	<i>Holtbyrnia spinthara latifrons</i>	1 (37)
8	<i>Bajacalifornia burragei</i>	1 (105)
8	<i>Microrictus taaningi</i>	1 (89)
10	<i>Stomias atriventer</i>	1 (136)
25	<i>Nannobranchium regale</i>	1 (156)
10	<i>Idiacanthus antrostomus</i>	3 (67-269)
25	<i>Myctophidae (larvae)</i>	5 ()
	G. Moser-NMFS	
10	<i>Cyclothone signata</i>	125 (13-29)
10	<i>Argyropelecus affinis</i>	30 (18-56)
10	<i>Argyropelecus sladeni</i>	6 (18-53)
10	<i>Sternoptyx obscura</i>	3 (29-35)
31	<i>Melamphaes acanthomus</i>	1 (102)
31	<i>Scopelogadus mizolepis bispinosus</i>	6 (41-72)
31	<i>Scopeloberyx robustus</i>	3 (54-62)
31	<i>Melamphaes lugubris</i>	4 (35-76)
10	<i>Cyclothone acclinidens</i>	388 (13-60)
* 10	<i>Eurypharynx pelicanoides</i>	1 ()
	Gift To Royal Ontario Museum 1980	
10	<i>Vinciguerria poweriae</i>	1 (16)

SIO 66-42 (continued)

State or Country: ~~Field No.~~
 County: Map: 1
 Locality:
 Lat. N., Long. W.
 Water:
 Vegetation:
 Bottom:
 Cover: Temp.:
 Shore: Current:
 Dist. offshore: Stream width:
 Depth of capture: Depth of water:
 Collected by
 Tide: Date:
 Method of capture:
 Orig. preserv.: Time:

9	<i>Leuroglossus stilbius</i>	8(29-106)
9	<i>Bathylagus wesethi</i>	45(19-84)
9	<i>Bathylagus pacificus</i>	2(25-110)
25	<i>Lestidiops ringens</i>	1(71)
64	<i>Microstomus pacificus</i>	1(24)
62	<i>Merluccius productus</i>	1(19)