

State & Country: Baja California Sur, México Field No. SIO 65-209

County: Map: H.O. Chart 624, 1962

Locality: off Bahía San Cristóbal

Est. on { From: Lat. $27^{\circ} 06.7'$ N, Long. $115^{\circ} 07.0'$ W.
Water bottom { To: $27^{\circ} 08.7'$ $115^{\circ} 10.8'$ W.Vegetation: Total operation: $26^{\circ} 59.5' N, 115^{\circ} 03.0' W$, to $27^{\circ} 17.6' N, 115^{\circ} 18.0' W$.

Bottom: extremely flat (presumably sediment) (400 bucket haul)

Cover: Surface Temp.: $18.05^{\circ} C$ (surface) at 0605 VI: 21

Shore: { 33 - 34 naut. miles (est. on bottom) 17.2 - 17.6 " " " " " " " " " " " "

least Dist. offshore: { 30 - 34 naut. miles (total operation) Stream width: { 2234 - 2240 fath. (est. on bottom)

Depth of capture: bottom (some midwater) Depth of water: { 2230 - 2240 fath. (overall)

Collected by SIO MV party on R/V Horizon (Hubbs, Wisner, Storer, et al.)

Tide: Date: VI: 21: 1965

Method of capture: 10-foot Isxess Kidd old, non-closing midwater trawl, with meter net end

Orig. preserv.: 1:10 buffered formalin Time: 0501 - 0706 hr. PDT (est. on bottom)

 $26^{\circ} 59.5' N, 115^{\circ} 03.0' W$ Total operation 0156 - 1046 hr.
(convolving start & end of basin) PDTOperation follows full-speed run over course
(with 180° turn at end), with extremely even rise from
22.43 to 22.12 fathoms (PDR readings), from 0022 - 0135 hr.,
from $27^{\circ} 14.8' N, 115^{\circ} 15.8' W$ to $27^{\circ} 13.4' N, 115^{\circ} 14.4' W$ on course, $144^{\circ} T$,
from $27^{\circ} 13.4' N, 115^{\circ} 11.2' W$ to $27^{\circ} 00.5' N, 115^{\circ} 03.6' W$.9000 m of cable used. Course of operation 324° .

Condensed log:

VI: 21 0156 net in water

0348-0405 winch stopped (a few later brief stops).

0501 winch secured

Numerous increases of speed, etc. to make sure some
forward progress was being obtained. Radar
fixes were marginal (no star fixes). Total
estimated movement ~ 3.5 miles

0706 haul-in started.

Dip-netting at surface under light for part of run
proved fruitless.A TDS unit (Temp. Depth Salinity) was tested. Two lowerings to
200 m and back to 1000 m were made. R. Bern, operator, reported
the unit to have worked satisfactorily.
(over) Carl L. Hubbs.

old blades of Macrocystis were found in bottom material.

Invert

1 Gal (2) Honey Strands
 1 Gal - Larvae Holothurians
 1 Qt. Small Frag: Invert
 1 Qt (2) Med Reliate
 1 Gal (2) - Residue Sorting
 2 Qt - Cod end residue
 8 oz Crustaceans
 8 oz Siphonophores
 8 oz Heteropod
 1 pt (2) Echinoids

Fish

1 Gal - fish
 8 oz - larvae

8 oz - chilled
 small pebbles
 largest pebble angular
 small chunks
 wood fragment
 Holsect Malosporidia
 squid beaks

Put in
 freezer
 VII: 1:1965

	^{hampadone} alive	
9	<i>Bathylagus wesethi</i>	12(18-69)
25	<i>Taaningichthys bathyphilus?</i>	1(86)
25	<i>Lepidophanes pyrobatus</i>	1(33)
10	<i>Argyroleleus pacificus</i>	6(30-37)
10	<i>Argyroleleus cf. hawaiiensis</i>	2(16-29.5)
8	<i>Asquamiceps pacificus</i>	1(80)
10	<i>Idiacanthus aptrostomus</i>	1(87)
25	<i>Lepidophanes longipes</i>	1(33)
25	<i>Hygophum atratum</i>	1(36)
25	<i>Taaningichthys paurolechnus</i>	1(86)
26	<i>Serrivomer sector</i>	1(503)
disc. 10	<i>Stomias atriventer</i>	2(⁹³ 48 -169)
10	<i>Vinciguerrria lucetia</i>	1(42)
31	<i>Scopelogadus mizolepis bispinosus</i>	1(62)
31	<i>Scopeloberyx robustus</i>	2(48-50)

(continuation)

SI065-209

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:

26 *Avocettina infans* 2(449-513)