

MV 65-III-30

State or Country: off California Field No. SIO 65-459
 County: Map: CGS 5101, 1965
 Locality: San Nicolas Basin (southern part, NE of Tanner Bank)

Appr.: Lat. $32^{\circ}50'$ N., Long. $118^{\circ}55'$ W.
 Water: very clear and blue
 Vegetation:

Bottom:
 Cover: Temp.:
 Shore: Current:
 Dist. offshore: ~19 naut. miles Stream width:
 Depth of capture: 0 to est. ~80 fath. Depth of water: SIO-916 fath. -PDR
 Collected by: Carl L. Hubbs and party
 Tide: Date: 18:25:1965
 Method of capture: 10-ft. 15x25-1Kied midwater trawl; non closing; water retend.
 Orig. preserv.: 10% buffered formalin Time: 2225-2238 hrs. PDT

Very short and shallow cast, undertaken to determine nature of extremely dense scattering layer extending from very surface to about 80 fathoms, with weaker scattering still deeper. During set-line setting through adjacent areas during precasting part of evening sauries (*Coloalabis saira*) were everywhere numerous at the surface.

Let out trawl to 300 m wire out in 13 minutes, then retrieved net in 18 minutes. Large catch resulted, with great abundance of siphonophores and other jelly-like creatures, many euphausiids, etc.

A few typically deepwater forms (such as a typically bathypelagic little medusa and a very odd squid). Relatively few fish. Only 2 sauries, of which one bearing copepods goes with invertebrates.

Field containers:

- 1 5-gal "bucket" can of invertebrates, largely jelly-like.
- 1 1-qt. jar of selected invertebrates.
- 1 1-qt. jar of fishes.

Remindful of like operation on Horizon below Cedros Id.

Carl L. Hubbs.

25	<i>Lampanyctus ritteri</i>	2(32-48)
25	<i>Triphoturus mexicanus septentrionalis</i>	15(18-64)
61	<i>Hypsoblennius pientilis</i>	1(14.5)
25	<i>Nannobrachium hawaiiense</i>	1(41.5)
10	<i>Idiacanthus antrostomus</i>	1(73)
10	<i>Cyclothone signata</i>	4(23-26) disc.
23	<i>Cololabis saira</i>	3(75-106)
31	<i>Scopelogadus m. bispinosus</i>	1(24)
9	<i>Leuroglossus stilbius</i>	17(28-63)
9	<i>Bathylagus wesethi</i>	12(21-51)
31	<i>Melamphaes lugubris</i>	1(22)