

State or Country: off Baja California Sur, Mex. Field No. SIO 68-112
County: Map: HO 620, 1963
Locality: Golfo de California, on W slope of Farallon
Basin
From Lat. $25^{\circ} 12.9'$ N., Long. $110^{\circ} 18.5'$ W.
Water: clear; To $25^{\circ} 19.5'$ N., $110^{\circ} 20.0'$ W.
Vegetation: somewhat greenish-blue
Bottom: very flat and smooth; green mud.
Cover: none. SURFACE Temp.: $18.9-18.6^{\circ}\text{C}$.
Shore: Current: (thermograph)
Dist. offshore: ca. 13-20 miles Stream width:
Depth of capture: bottom Depth of water: 990-1043 fath (G.D.R.)
Collected by Carl L. Hubbs, Robt. L. Wisner, Ronald R. McConaughy,
Tide: one party on SIO 12/V Thomas Washington Date: I-23-24 1963
Method of capture: heavy-duty commercial otter trawl *
Orig. preserv.: ca 5% form + borax Time: 1953-0036 PST
(fish)

MV 68-I-85

* About 50 foot mouth; end mesh $1\frac{1}{2}$ inches, but made up so openings are very narrow in cod-end; steel doors used in place of other boards.

Schedule: Pay out @ 50 m/min with ship speed 3 knots; hold at 5500 m W.O. (scope ca 3:1); tow $\frac{1}{2}$ hr. at 2 knots ship speed; retrieve at 50 m/min with ship speed 1 knot.

Net came up with only one fish - a perfect $\varnothing$ ceratioid with a parasitic σ attached. Photographed by all. One on Pentax b/w. C.L. 14.

But lead line was encased in mud and many ophiurans were in webbing. Apparently, net did not fish well for some reason, although steel doors seemed to spread opening well at surface.

Fish held out in weak formalin for photography after daylight. - 1 one-gal. jar, preserved in formalin.
Limited collection of interesting invertebrates.

Carl L. Hubbs

65 Borophryne apogon

-attached male

2(20-89)