

Recovery

Baja California

State ~~California~~ off California and ~~extending~~ Field No. **SIO 66-541**  
on either side of ~~the~~ <sup>extension</sup> of western line. Map: **H05196**, 1939

Locality: **SW of Cortes Bank**  
Lat. **32° 16.0'** → **0 9.0' → 12.0'** → **19.0'** → **19.0'** N., Long. **119° 17.0'** → **19.0'** W.

Water: **clear, oceanic**  
Vegetation:

Bottom: **very flat in part**

Cover: Temp.:  
Shore: **13.5-14.0 Bishop Rock** Current:

Dist. offshore: **2.3-2.7 S. Clemente Is.** Stream width:  
Depth of capture: **est. 0-** m. Depth of water: **743-948 fathoms**

Collected by **Robt. L. Wisner, with Hubbs, Storer, Applegett,**  
**Tides, D. Robbins, McConnaughey, & Calhoun.** Date: **XII:10:1966**

Method of capture: **10-ft. non-closing Tsuzuki-Kidd midwater trawl\***

Orig. preserv.: **10% buffered formalin** Time: **0700 - 0700 PST**  
**0110**

**MV 66-III-12** \* Meter-net cod end.

**0037**  
~~0110~~ **net in water. 948 m.**

Operation - on CS → SE let out 1500 m  
wire at 15 m/min.; retrieve at once  
to 50 m. W.O.; then ship reverses  
course; then let out 1500 m of wire,  
then retrieve cruising near start.  
Ch 0607 Recovery Completed 32°12.0' N., 119°19.1' W.

Collection: 1 3-gal jar full of invertebrates  
1 2-gal jar gelatin  
1 1-gal jar 4-03 fishes  
1 8-gal jar crustaceans for E.M. Border  
1 8-gal jar strained plankton

Sail L. Hubbs

9	<i>Leuroglossus stibius</i>	4 (25-27)
9	<i>Bathytagus wesethi</i>	15 (22-54)
8	<i>Sagamichthys abei</i>	9 (26-138)
25	<i>Ceratospopelus townsendi</i>	32 (18-49)
25	<i>Diaphus theta</i>	130 (12-54)
25	<i>Diogenichthys atlanticus</i>	5 (14-19)



10	<i>Macropinna microstoma</i>	1(19)
25	<i>Hierops crockeri</i>	27(14-38)
25	<i>Lampanyctus ritteri</i>	*98(21-101)
25	<i>Notoscopelus resplendens</i>	2(50)
25	<i>Parvilux indens</i>	4(50-60)
25	<i>Triphoturus mexicanus septentrionalis</i>	190(13-68)
10	<i>Danaphos oculatus</i>	26(19-38)
10	<i>Gonostoma atlanticum</i>	1(52.5)
25	<i>Neosepeltichthys dentatus</i>	1(27)
31	<i>Anoplogaster cornuta</i>	1(90.7)
10	<i>Stomias atriventer</i>	1(230)
25	<i>Berthabella dentata</i>	1(31)
53	<i>Sebastolobus alascanus</i>	2(11+12)
53	<i>Sebastolobus altivelis</i>	2(21+22)
61	<i>Chilara taylori</i>	1(55)
25	<del>Lampanyctus</del> <i>regale</i>	1(29)
-	<i>Nannobranchium</i>	
25	<i>Lampanyctus steinbecki</i>	1(39)
25	<i>Nannobranchium bistori</i>	2(50-56)
25	<i>Nannobranchium nigrum</i>	1(68)
25	<i>Nannobranchium hawaiiensis</i>	2(37-47)
10	<i>Argyropelecus affinis</i>	30(9.5-53.6)
10	<i>Argyropelecus sladeni</i>	15(19.1-36.4)
10	<i>Argyropelecus sp.</i>	23(12.7-18.7)
10	<i>Argyropelecus hemigymnus</i>	24(16.4-30.9)
10	<i>Chauliodus macouni</i>	2(22-26)+1(75)
31	<i>Scopelogadus mizolepis bispinosus</i>	25(24-88)
31	<i>Melamphaes jance</i>	6(26-32)
10	<i>Idiacanthus antrostomus</i>	10(98-296)
10	<i>Sternoptyx obscura</i>	5(9-12)
10	<i>Sternoptyx diaphana</i>	3(10-25)
10	<i>Photonectes <del>phyllopegan</del> n sp A</i>	1( <del>130</del> <sub>127</sub> )
10	<i>Stomias atriventer</i>	2(51-86) discard damaged

\* 15(51-97) gift to S. Collard, UCSB, May 1967.

(continued)



(continuation)

State or Country: ..... Field No. SI066-541  
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* 1(611)  
9 *Microstoma* sp. 1(15)  
64 *Microstomus pacificus* 2(22)  
10 *Vinciguerria nimbata* 3(15-16)



State ~~of~~ California Field No. ~~5106~~  
 County: Map: #0 5196, 1989  
 Locality: southern part of Cortes Bank  
 Lat. 32° 25' - 26' N., Long. 119° 08' - 09' W.  
 Water: clear, oceanic, blue  
 Vegetation:  
 Bottom: probably sandy, on flat  
 Cover: Temp.:  
 Shore: exposed rock Current:  
 Dist. offshore: 2 mi. from Bishop's Beach Stream width:  
 Depth of capture: bottom Depth of water: 46 - 57 fath.  
 Collected by: Rott, L. Wann, with Hubbs, Applegate, Stern, Perkins,  
~~Mc~~ McConnaughey, and Calhoun Date: XII:10:1966  
 Method of capture: electric net, with 4 herbs; squid bait  
 Orig. preserv.: not preserved Time: 1332 - 1423 PST

MV 66-III-13

*Citharichthys*  
*auridus*

Set A	1332-1337 hrs.	57 fath.	2 ♀s
B	1351-1356 "	53 "	1♂ + 1♀
C	1407-1409 "	50 "	1♀
D	1419-1423 "	46 "	1♀

Blood sample by Applegate from B, and  
 2 injected with tetracycline

all 6. Herbs.