

State or Country: Calif. Field No. 510 A+B  
County: San Diego Map: #30-249, 1  
Locality (A) W.S.W. of Del Mar, 307 miles offshore  
(B) Due N. North end of North mile marker, 5 miles offshore Lat. \_\_\_\_\_ N., Long. \_\_\_\_\_ W.  
Water: Clear Salt.  
Vegetation: \_\_\_\_\_

Bottom: A. sand & mud B. green mud.  
Cover: \_\_\_\_\_ Temp: \_\_\_\_\_  
Shore: \_\_\_\_\_ Current: \_\_\_\_\_  
Dist. offshore: 3.7 & 5 miles Stream width: \_\_\_\_\_  
Depth of capture: 1. 150 f. 2. 340 f. Depth of water: A 150 f & 340 f  
Collected by C.H. Hubbs & F. Taylor Reelers T. & Buoy boat.  
Tide: \_\_\_\_\_ Date: 12/18/50  
Method of capture: 50 ft otter trawl.  
Orig. preserv.: \_\_\_\_\_ Time: A. 0950-1030  
B. 1325-1835

Weather hazy.  
H50-249 A. to 150 f. Wire out 750 m.  
H50-249 B. to 340 f. Wire out 1500 m,  
last 150 m dragging bottom, left after  
board with mud on inside brackets, may have  
been towing flat. Right wing twisted.  
Estimated speed 2 kts, reduced to 1 kts  
during haul

H50-249A. Many heart urchins, some sea urchins,  
octopus 1 squid

H50-249A

53 Sebastes diploproa (Gilbert): 146 yg-ad. 83 (38-66)  
1 (126.5) Feb 57

53C Sebastes eos Eigenmann and Eigenmann: 1 ad, 1 hgr.  
Gift to Lab. Ich. Zool. Inst., Leningrad 1 (297)

\* Sebastes zacentrus (Gilbert): 18 yg-hlgr. (120-155)  
(Reidentified # 11: 18: 1982 S.L.H.)

53B Sebastes elongatus (Ayres): 1 large yg. (71)

53A Sebastes alascanus Bean: 42 (38-140)  
1 gal. 1-1/2 pt.

56A Xeneretmus latifrons (Gilbert): 32 yg-ad, 29-127 mm.  
(Reclassified V. 10: 1959-S.L.H.)

61 Plectobranthus evides Gilbert: 2 ad, 92-94 mm

- 61 *Lycodopsis pacificus* (Collett): 1 hlgr., 109 mm
- 62 *Merluccius productus* (Ayres): ~~1~~<sup>7</sup> yg. - hlgr., 88-224 mm.
- Physiculus rastrelliger* Gilbert: 6 hlgr.-ad., 93-152 mm
- 64 *Lyopsetta exilis* (Jordan and Gilbert): Small series yg. - ad., 24 spec., 31-268 mm.
- Microstomus pacificus* (Lockington): 2 ad., 229-259 mm.
- Glyptocephalus zachirus* Lockington: 2 hlgr., 89-100 mm

H 50-249 B.

- 25 *Lampanyctus mexicanus* (Gilbert): 1 ad., 48 mm.
- 55 *Icelinus burchami* Evermann & Goldborough: 1 ad., 57 mm.
- 56(A) *Xeneretmus latifrons* (Gilbert): 1 yg., 1 ad. <sup>2 (30, 03)</sup> (144 mm)
- Reworthia* V: 10: 1959 S.L.H.
64. *Lyopsetta exilis* (Jordan and Gilbert): 1 hlgr.

\* 2(126-149) gift to Lab. Ich., Zool. Inst., Leningrad