State or Country: California Field No. SIO67-160
County:
Map: , 1
Locality: Santa Barbara Basin

Lat. 34° 15′ N., Long. 120° 01′ W.
Water:
Vegetation:

Bottom: 580 m
Cover: Temp.: 7 to 8 °C
Shore: Current:
Dist. offshore: 15 miles Stream width:
Depth of capture: 480 m Depth of water:
Collected by W. H. Berger
Tide: Date: Feb 16, 1967
Method of capture: closing-net tow, opening 150 m.
Orig. preserv.: sea water + formalin Time: Mid night

catch is at the depth of sill depth in the Santa Barbara Basin.
Below this depth the oxygen content is very low (0.2 to 0.3 ml/l).
When freshly caught, the shark had a reddish-dark appearance (much blood circulation in skin?)
The two large fishes did not seem to be damaged by bringing them up on deck through a pressure difference of ~50 atmosph.
W. H. B.

5 Parmaturus xaniurus 1(159)
9 Bathylagus stilbius 1(71)
61 Melanostigma pammelas 1(85)