

State or Country: California Field No. 450-144
 County: San Diego Map: 1
 Locality: Summer Canyon, No. of S.O. Pier. In
Scirpus Submarini Canyon
 Lat. N., Long. W.
 Water: clean, salt
 Vegetation: none

Bottom: Sand, between rock wall of canyon
 Cover: considerable about rock Temp.:
 Shore: boulders & sand along cliff Current:
 Dist. offshore: Stream width:
 Depth of capture: various Depth of water: about 450 ft (map)
(Charge 11); about 90 ft
 Collected by Carl H. Hubbs + party (Charge 12)
 Tide: on bottom (A), + sea surface (B) Date: 24-1950
 Method of capture: dynamite (runs Nos. 11 and 12 = "B+A"); 50 lbs A
 Orig. preserv.: 10% + form Time: about 11:30 am 4 lbs B

A = Blast 11
 B = Blast 12

Charge 13 set off approximately by Navy ship just below
 buoy boat

A+B
 From
 both
 blasts
 (11+12)

40. Leuresthes tenuis: 62 ad. discarded. Many
 more picked up by birds ~~at a point~~
~~from main charge (A)~~
Atherinops californiensis: 7 ad. disc.
~~all from main charge (A)~~
Atherinops affinis californensis: 5 ad. preserved
~~all from main charge (A)~~

A

47. Zalambius rosaceus: 8 sm. ad. preserved
 (Charge 13). Probably 50 to 100 fish killed.

at least
 1 from A.

48. Chromis punctipinnis: 2 ad. discarded
 One certainly and one possibly from
 minor sea explosion (B)

all
 attrib-
 ted
 to

53. Sebastes rosaceus: 5 ad. discarded.
 " umbrosus: 4 ad. preserved, 159-208
 " chlorostictus: 1 yg. " (106)
 " " " " (192)
 " constellatus: 2 ad.
 " elongatus: 1 ad. (218)
 " paulipinnis: 1 yg. (40)

Charge 13

53 Sebastes rosenblatti PARATYPE
 1 (169)