

State or Country: California Field No. 1450-103
 County: San Diego Map: _____, 1
 Locality: Scorpion Canyon, N. of S50 Pier
off Sumner Canyon
 Lat. _____ N., Long. _____ W.

Water: clear, salt
 Vegetation: _____

Bottom: sand, in part between rock walls of canyon
 Cover: _____ Temp: _____
 Shore: boulders and sand along cliff Current: _____
 Dist. offshore: _____ Stream width: _____
 Depth of capture: various Depth of water: 60-350 ft. (see below)
 Collected by A. A. Allanson, W. E. Barraclough, Sam Hunter
 Tide: + partly Date: IV: 6: 1950
 Method of capture: blasting by Biology group (on bottom)
 Orig. preserv.: 10% formalin Time: day 1400-1700

Discarded in laboratory

35 Paralabrax ^{clathratus} ~~californicus~~:
 22 medium to lg. ad.

48. Chromis punctipinnis: 186 sm.
 to large ad.
 5 to L. Tevis and 5 to Karl R. Jensen, II: 15: 1953

50. Pseudonotopomus pulchrum: 2 sm. ad.

60. Carrolatilus princeps ^{anomalous} 1 sm. ad.

Blast	Time	Depth	Charge
1	14:10	ca. 60'	10 lbs
2	14:43	4'	50 lbs
3	15:06	ca. 250'	11
4	15:46	350'	50
5	16:19		50

Blast 1 was predominantly greenish, only a small portion saved.
 2 large Carrolatilus. Only large fish, a Carrolatilus not dead (over).
 Field Data Sheet: Fish-2m-7,49 (B3022s)997
 Capture. all dead fish picked up before Blast 2

Blast 2. Paralabrax killed. 22 discarded in laboratory. 4 P. clathratus preserved. 10 or 12 other Paralabrax picked up by other people. Some large rock fish. All dead fish picked up before Blast

3.

Blast 3. Largely Chromis. Some small red rock fish and some very large rock fish* and sheepshead. These went to ships largely. 1 garibaldi, only one taken (preserved).

Blast 4. Only a few fish, many may actually have been killed in previous blast. Some small rock fish, a few Chromis, 1 Syngnathus and 1 Porichthys.

Blast 5. 2 cusk eels, a few small Chromis, rock fish, etc.

NOV 11 1951

* For tally in MS assumed to be S. rosaceus ("miniatus") C.L.H.

1(120) gift to Tortonese Apr. 1967

Species list, preserved.

35. Paralabrax clathratus : 4 imm. ad.
190-212 mm.

40. Scorpaenopsis tenuis : 29 ad., 94-123 mm.

(-discard) 40. Catherinopsis californiensis : 4 lg. ad.

47. Zalembrus rosaceus : 7 ad., ♂ + ♀
79-114 mm.

48. Hypopygops rubicunda : 1 ad.

48 Chromis punctipinnus : at 300 fish
235 (194-194) (3-3 gal., and 1 gal. jar).
235 in the 3 jars

51A Ariella nigriceps : 3 large ad. (Big tank)
250-320 mm.

53. Sebastes gaussepinis : 1 ad (243)
UW IV: 12:1951 6 ad. → " serranoides : 25 ad (3 gal jar)
KSN → " rosaceus (to identify):
4 (194-194) → " → "

510 yg. fish coll. → " ovalis : 5 yg. ad.
" ayresi : 4 lg. yr. ad.
" umbrosus : 24 lg. yr. ad.
(3 gal. jar)

Gift to Lab. Ich,
Zool. Inst., Leningrad

53A Sebastes eos : 10 yr. ad (81-256)
Ident. XI:9:1951 e.L.H.

53 Sebastes chlorostictus : 7 yr to ad
9 ad XI:9:1951 e.L.H.

2 (63-104) ← " constellatus : 2 yg. - lg. yr.

5 (120-170) ← " semicinctus : 5 ad.

19 (66-148) ← " hopkinsi : 75 ad. lg. yr. ad.
(1-3 gal. & 1-1 gal. jar)

" veixillaris : 1 ad.

53 Sebastes elongatus: 1 ad. (220)
" atrovirens: 25-~~30~~ bl. gr. ad.
(3-3 gal. jars.)

53 Sebastes dallii: 1 ad. (146)

53 Sebastes lentiginosus
- PARATYPE 1 (78.5)

53 Sebastes rosenblatti
PARATYPES 9 (105-252)

53 Sebastes mirriatus 8 (49-161)

Gift to Lab. Ich.
Soal. Inst. (Leningrad)

H 50-103

59. Lythrypnus zebra : 1 ad. (44.5) ^{R. J. M.} Feb '59

To G. W. Barlow V: 11: 1956

> 60. Porichthys notatus : 1 yr., 77 mm.

(214-301)

61. Otophidiion taylori : 2 ad. ^{To R. R. Harry} VII: 28: 1950