

State or Country: California Field No. 1450-104
County: San Diego Map: 1
Locality: Scrimps Canyon, N. of S. J. Pier, of San Juan
Canyon Lat. _____ N., Long. _____ W.
Water: clear, salt
Vegetation: none

Bottom: sand, between rock walls
Cover: considerable in rock Temp.: _____
Shore: bulders down along cliff Current: _____
Dist. offshore: _____ Stream width: _____
Depth of capture: various Depth of water: 250-335 ft. (see
Collected by A. A. Allanson and Sam Houston back 12th sheet)
Tide: _____ Date: IV: 7: 1950
Method of capture: dynamite on bottom (see back, 2nd page)
Orig. preserv.: 10% form + borax Time: A.M. + early P.M.
See end of species list for general remarks.

Discarded in lab.

40. Atherinopsis, large numbers

48. Chromis punctipinnis 57(87-190)

11. Vinciguernia lucida: 1 ad nimbaria 1(47)

35. Paralabrax clathratus: 1 sm. ad., very
dark

40. Atherinopsis californiensis: at 50 ad.,
discarded in lab.

47. Damalichthys sp. 252 mm. 1 ad. ♂, seems to
have very low dorsal, large head and
pectoral, large eye, very white mouth
General color pale with sooty purplish
fins. Pelvic yellow, especially toward
base on inner side

Zalembius rosaceus, 8 ad + 1 yg.

42. Chromis punctipinnis: 10 yellow preserved,
10 yellow discarded
Deep orange red.

+ 1 lg. ad. ♂
tank

47A (Rhacochilus sp. 70/10/5): 2 lg. q. 95 - General
tone Orange with fine blue specks
Apparently modified melanophores.

with considerable gold in the red, especially on the head. Pelvic nearly black.

Ad. ♂ extremely dark lemon gold on pectoral opercular membrane and eye. Lips salmon. General body sooty purple. (1 Ad in barrel)

Phanerodon atripes: 3 ad. ^{130-179 mm}, all with red spots at scale bases, general pink tone. All with a black spot on the anal.

Outer part of pelvic varies from black to

48. *Chromis punctipinnis*: 10 gallons saved; 10 gal. ^{298 counted} ^{2x298=596} ^{discarded}
50. *Pomacentrus pulchrum*: 1 ad. discarded

→ 54 (92-188) soft & decomp., disc. 15 July 1971.

53. *Sebastes paucispinus*: 1 lg. yg. Possibly a deep water form. Seems to have a large eye and deep peduncle. Body with strong suffusion of salmon pink, with upper fins dusky reddish and lower fins clear red. Cheeks silvery pink.

Sebastes serranoides: 5, yr. to subad.

C. dull yellow. Several color dark

Sebastes rosaceus (= *miniatus*) ^{1 (181)} ^{R.J.K. Feb 59}: 7 yg. - ad.

ayersi: 1 ad. Purple pink spots not very conspicuous, with strong lavender margins. Much yellow mixed with the red on the sides, particularly in the light stripes on the head.

* *Sebastes umbrosus*: 22 hl. gr. - ad., incl. ripe ♀s.

Sebastes ~~es~~: 2 yr. Much red on sides. Lower fins deep red, except on outer edge of pelvic. Lateral line conspicuously pink.

* 2 gift to Lab. Ich, Zool. Inst., Leningrad

1 to L. Texas
and 1 to K. Kaplan
II: 15: 1953

To B.W.W.
XIII: 1955

Green spots on upper parts few and irregular, barely extending into fins, becoming streaks on interorbital base into a streak on either side of lateral line. Membranes of D₂ and C. Largely green.

9 dm. checked XI: 9: 1951 C. L. H.

* Sebastes constellatus : 1 yr. General color red incl. fins.

Sebastes hopkinsi : 8 yr. ad. General color tan 8(79, 153)

4(115-170) Sebastes semicinctus : 4 yr. ad. and ad. Light areas are blotched orange-red and whitish. Dark areas ^{near back} are ~~olive~~ mixed olive and black brown.

Sebastes vexillaris : 1 ad. Ruddy brown, very high fins.

S. serriceps : 1 ad. typical color

60B Caulotatilus princeps anomalus : 1 ad. ^{3/4} (fishbone) DMD

> 60A Porichthys notatus : 1 bl. yr. 1(139)

chilara (208-290)
61. Otophichthys taylori : 5 ~~yr.~~ ad. to lg. ad.

53 Sebastes rosenblatti
PARATYPES 2(103-112)

* Gift to Lab. Ich., Zool. Inst., Leningrad
(over)

	Time	Depth
Blast No. 1	1410	ca. 60'
2	1443	"
3	1506	ca. 250'
4	1546	ca. 350'
5	1619	"

Don Saylor observed that effect of blast seemed to run up canyon as fish popped up in a line running toward shore.

Blast 6	1007	ca. 320'	no lbs.
7	1035	ca. 335'	
8	1126	ca. 250'	
9	1253	ca. 320'	
10	1325	ca. 335'	

Following Blast 6, several large Sebastes, 2 big boccaios, and jacksmelt came up.

Following Blast 7, largely jacksmelt. Jacksmelt not entirely dead, hard to pick up.

Great schools of Chromis showed up simultaneously and the first fish after each blast. Then now and then Sebastes individually. As many large Sebastes appeared in H 50-104 as in H 50-102.

After Blast 4 Found many large Sebastes had drifted toward shore.