

State or Country: Calif.

Field No. S1054-112

County: San Diego

Map: 1

Locality: La Jolla Canyon - Range: Cove Lifeguard Tower
on Valencia Tower, by N. end Beach Club roof on bushes
S. of gully Lat. N., Long. W.

Water: Salt - clear

Vegetation:

Bottom: Rock exposures & sand.

Cover:

Temp.:

Shore:

Current:

Dist. offshore: 1/4 mi from Cove.

Stream width:

Depth of capture: Sides of Canyon & bottom & surface

Depth of water: 130 - 150 ft

Collected by Hubbs, Limbaugh, Fleckig, C. Fleming, Ebeling,

Tide:

Date: 13 Aug. 1954

Method of capture: 1 cans Derris root, 2 five lb. charges - 5 min.

Orig. preserv.: 10% formalin

Time: 0900 - 1400

(Collector) Rosenblatt, Rehnitz & assorted divers, & boat operators.

Shortly after the 1st 5 pound charge of 40% dynamite was set off, fish began coming to the surface.

Surface caught fish were Sebastodes

Chromis punctipinnis

Pimelometopon pulchrum

Phanerodon atripes

Rhacochelus toxotes

Trachurus symmetricus

50 Semicossyphus pulcher

1(291)

50 Oxyjulis californica

1(179)

Discarded:

42 TRACHURUS SYMMETRICUS 2 sub. ad.

48 CHROMIS PUNCTIPINNIS 509 almost all ad.

of which - 507 to S.D. 300 for food + trial - 5(82-99)

53 SEBASTODES PAUCISPINIS 7 sub. ad.

" SERRANOIDES 27 ad.

" "MINIATUS" 2 sub. ad.

" HOPKINSI 36 sub. ad. - ad.

" umbrosus 2 ad.

" DALLI 10 sub. ad. - ad.

" serriceps 2 46-50

incomplete list

55 Icelinus cousteaui 18 (54-81) RIX Feb '59 - Paratypes
limbaughi (56-82)

(over)

Fleckig

Range Finders

NR-SR 9° 55'

SR PE 21° 31'

PE Gray 83° 03'

Gray-Valencia 71° 37'

Tit. Valencia 78° 22'

NFG Tit. 46° 33'

PE-SFG 30° 25'

SFG Valencia 123° 57'

47 *Brachyistius frenatus* 1(40)

Color note by C.L.H. VIII:13:1954 5#(58-115) split coll.

47 *Phanerodon atripes* : 1 yg. 2(40-58)

Stripes on scales very faint. Spinous D, front of 2nd D. below the back blotch, the outer half of each C. lobe, front of A. fin above the dark blotch and the entire pelvics bright lemon yellow.

Sebastes entomelas 1(116)

53	<i>Sebastes chrysomelas</i>	2(121.5-212)	R.J.K. Feb '59
	<i>Sebastes constellatus</i>	4(76-152)	"
	<i>Sebastes dalli</i>	42(77-134.5)	"
	<i>Sebastes hopkinsi</i>	48(55-173.5)	"
	<i>Sebastes miniatus</i>	3(110-250)	"
	<i>Sebastes mystinus</i>	15(98-199)	"
	<i>Sebastes ovalis</i>	2(88-95.5)	"
	<i>Sebastes paucispinis</i>	1(240)	"
	<i>Sebastes setarrhoides</i>	18(146.5-238)	"
	<i>Sebastes seticeps</i>	6(54-189.5)	"
	<i>Sebastes umbrinus</i>	6(98.5-186.5)	"

59A *Coryphopterus nicholsii*

48(2.9-9.2 cm)

61 *Otophidium taylori* 5(144-266)

Gift to W. Courtnay, Boston Univ.

47 *Embiotoca jacksoni*

1(115) Discard

47 *Rhacochilus toxotes*

2(85-135)

61 *Rathbunella* sp.

4(60-122)

Color notes by A. O. Flechsig
when fresh.

Ground color dark sooty gray with rusty, reddish anastomosing blotches extending down on sides to end of vertical portion. Dorsum of head very dark red with faint olive overtones. Two distinct bars extending ventrally and caudad from eye, olive in color. Long olive blotch of same hue on upper edge of opercle. Small blotch of silver color above upper base of P_1 . Dark olive line along lower edge of maxillary gradually fading out toward upper edge. Upper lip sooty red, tip of lower lip sooty red, lower lips laterally sooty. First dorsal with sooty edge, particularly toward rear portion. Rosy lines prominent along middle of spines. Light olive wash at base of membranes. Center of membrane light sooty blue-gray. Second dorsal with sooty border, rosy lines along middle of rays less pronounced than in first dorsal. Base of membranes particularly sooty. Caudal fin black, melanin concentrated particularly on membranes. Terminal $\frac{1}{3}$ of anal with sooty membranes. Proximal $\frac{1}{2}$ sooty but less pronounced. Central portion of rays quite rosy resulting in a long bar on the fin. First 2 spines and included membrane clear rosy. Membranes between 2nd and 3rd spines black. Anal fin
(over)

at base of posterior 3 rays silvery blue.
Base of remaining rays silvery with
slight rosy overtones. P_2 rays rosy,
membranes sooty near terminal portion.

P_1 — 8 lower rays with clear salmon
color. Remainder of fin lightly washed
with soot. Ventral portion of fish silvery
blue with rosy wash extending from darker
sides along fins and edge of gill slits. Lateral
line stands out as light streak.