

State or Country: Baja California Norte Field No: SI063-161

County: _____ Map: _____, 1

Locality: off Lobster shack near E. side Guadalupe
Island, bet. Cinder Cone Point and Pillar Pt.

Lat. _____ N, Long. _____ W.

Water: _____

Vegetation: _____

Bottom: _____

Cover: _____

Temp.: _____

Shore: _____

Current: _____

Dist. offshore: _____

Stream width: _____

Depth of capture: on bottom

Depth of water: various

Collected by A. J. Stover, Jr., R. L. Wisner, Carl H. Steller

Tide: _____

Date: IV:20:1963

Method of capture: electric reel

Orig. preserv.: 10% Formalin

Time: 1300-

PST

Fathoms

A 160 Sebastodes sp., probably near ovalis

B 100 " " " " miniatus

60 gear lost

C 115 halfway between ^{red} cinder-cone pt. & ^{Pillar} ~~one~~ pt.; two specimens of S. helvomaculatus

D 95 nearer pillar point; three specimens, 1 ovalis, 1 helvomaculatus, 1 macdonaldi

E 121 S. helvomaculatus, 1 spec

F 100 " " "

G ~~175~~ 175 to 160 no fish

H 115 " " "

I 80 S. miniatus; crewman caught S. ovalis at same set, preserved

J. 62-50 Anthias?

K. 50 fath. S. umbrosus, and Paralabrax clathratus

53A Sebastodes macdonaldi 1(385) tank

53B Sebastodes miniatus 2(440)(402) tank

35A Anthias gordensis 1(205)

53C Sebastodes umbrosus 1(200)

* 35B Paralabrax clathratus 1(218)

53D Sebastodes ~~558~~ rufus 3(302- ~~2(340-335)~~ ³⁵⁰)

53E Sebastodes helvomaculatus 5(199.5-233)

53 Sebastes simulator 5(199.5-233)

PARATYPES

* to Leighton Taylor 14 ~~Sept~~ 1967

A- Sebastodes sp; near ovalis

- 1- silvery pink tinge over much of body 2- very strong streak along lateral line 3- dark spots & blotches sooty-olive, becoming brassy-green along the dorsal fin 4- lower surfaces salmon pink 5- branchial cavity with blackish green markings 6- inner $\frac{2}{3}$ of anal rays and inner $\frac{1}{3}$ of membranes salmon pink; outer part of rays bluish white 7- anal membranes blackish medially 8- soft dorsal rays similar to anal, but more spotted basally.
- 9- caudal dusky-pinkish on rays; sooty green on membranes 10- P_1 - salmon pink on rays & at base; membranes largely sooty-greenish
- 11- P_2 - spine & basal part of rays salmon pink; branches of rays are bluish-white 12- basal color of branchial chamber is whitish, with bluish & brassy reflections 13- jaws pink with black-tipped mandible

B- Sebastodes sp; near miniatus

- 1- yellow (rather strong) in lighter areas above lat. line, & for some distance below
- 2- lower surface with pink with red scale borders 3- $P_1 + P_2$ orange-red 4- dark markings are near black 5- sides of face red with yellow blotches 6- soft dorsal rays yellow medially 7- spinous dorsal strongly pink outward.

C- S. helvomaculatus

- D- ovalis near spec. A., but more regularly spaced
ovalis is brighter than A., salmon-red below, bright rose-red along l. l. spots sharp greenish black, smudged with dirty olive on lower sides.
macdonaldi bright orange red below, blotched above with sooty olive and olive-gray, with a

rather conspicuous dirty pink blotch below junction of dorsals and a more diffuse purplish pink blotch between 3rd and 5th D. spines, another at snout.

E. Sebastodes helvomaculatus : 1 spec

F. " " 1 "

G. no fish

H. " "

I. S. miniatus, has even more yellow than others

J. Centurus? Base color red-orange with

pale yellow and pale salmon pink spots on side. Green spots on sides above and below l. line but only about ^{mid} line of opercular opening back to peduncle. C. fin: terminal 2/5 deep yellow. A. membrane yellow at apex, pink at base, extreme margin blue-white outside of a red streak. Pelvics: spine, ~~not~~ pink

red-orange, 1st and 2nd rays and membrane between yellow, with slight orange tinge. 1st and second rays are very elongate, very orange in extension beyond normal fin. Pectorals: red-orange with yellow spot at base behind. D. fin: red-orange with yellow margin on membrane.

Spot on dorsal spines and rays about 1 fifth up spine. Dorsal soft also with yellow spot except on last 3. Yellow spot absent on 1st 5 spines of spinous dorsal.

~~Branchiostate~~ ^{operculum} Pseudobranchiae bright red. Lining of ~~pectoral~~ ^{operculum} silver white.

Gill rakers clear filaments red. Area from isthmus to bet. base of pelvics yellow. Scales have an orange margin. Yellow-green stripe on head from behind eye to margin of operculum (spine). Second yellow stripe below eye back to ~~the~~ margin of operculum at origin of P. Greenish tinge on lower nostril. Yellow-green spot at origin of maxillary

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Lower jaw: tip is red-orange, with a yellow spot below at the symphysis. Also ~~on~~ a yellow spot on each side of lower jaw behind 1st and large canine. Branchiostegal membranes yellow from just in front of eye running backwards across origins of rays 1-3, and onto ray 4.