

State or Country: California Field No. 1251-239
County: Santa Barbara Map: USC + G.S. 5114, 1945
Locality: Pelican Bay, Santa Cruz I.

Lat. ab. 34° 02' 02" N, Long. 119° 07' 00" W

Water: clear, salt

Vegetation: predominantly Macrocyctis, Kelp on bottom,
Isenia, laminaria, cystoseira, Egregia, Gigartina

Bottom: rocky

Cover: rocks + kelp

Temp.: 16.40° C. at D700 P.S.T.

Shore: cliff

Current: Surge very slight

Dist. offshore: 0 - 30 yds.

Stream width:

Depth of capture:

Depth of water: tide pools to 30 ft.

Collected by Conrad Limbaugh, Arthur Flechsig + party from Orca

Tide:

Date: VI: 28: 1951

Method of capture: deep water poisoning

Orig. preserv.: 10% form + borax Time: 08:00 - 1500 P.S.T.

2 - 3 gal jars; 2 - 1 gal jars; 1 - 2 gal jar; 1 - 2 gal jar

Invertebrates - lobster, 2 lg. ad. seen

Red pink and black abalone, norris top shell,

Coraline Bryozoans Doras nudibranch,

Nudibranch Flavilinia common. Pugetia,

Pink gorgonian coral, Seaurdinus S. franciscani,

and S. purpuratus, Pterea Pisaster,

Octopus, Actinoptera

576) heterodontus + Holothurians observed only

26. Gymnothorax observed only

35. Paralabrax clathratus: 1 ad. saved, 4 lg. ad.

discarded (30 + 10, all ripe)

1 ad, 389 mm.

✓ 40. Atherinops affinis insularum post larval
to yg. 6-17 mm. At surface in schools among
kelp leaves. 1 lg. ad. observed

✓ 47. Eymatogaster gracilis
100-106 mm. mouth of adult Paralabrax. B.S. blackish
with distinctly pink tinge on sides
Schools came near, but never into poisoned area.

✓ Brachyistius frenatus: 28 yg. ad. 38-121 mm
38 (37.5-125)

✓ Embiotoca jacksoni
22 yg. ad. lips thick + yellow
(2 in large tank) 1 of large ad. picked up a flight

✓ Taeniotoxa lateralis: 2 yg. ad. 166-200 mm.
definitely poisonous

✓ Rhacochilus
Dawsonichthys vacca: 2 yg. ad; ad. in lg. tank (257)

(the 11 yg. in jar not found 6.5.66 J.F.C.) 328 mm.
✓ Rhacochelilus toxotes: 1 lg. ad. ♀ in tank.
47A + 11 yg. (63-66 mm) from this ad., preserved.
1 lg. ad. picked up at night with light, definitely poisoned
✓ Hypsaurus careyi (Agassiz): 1 yg., 51 mm.
48 Hypsypops rubicundus: 1 ad., 208 mm.

✓ Chromis punctipinnis: 2 ad. Very blue, very slender.
158-170 mm
50 ✓ Oxyjulis californica: 3 bl. gr. ad., 75-192 mm.
Salichthys semicinctus: observed only,
1 Pimelometopon pulchrum: 2 ad. (1 disc), 243 mm.
51A Girella nigricans: 1 ad. (in tank), 293 mm.

✓ Sebastes paucispinus 8 + 12 (54-72) R.J.K. Feb '59
53 Sebastes paucispinus ~~20~~ yg.-yr. 56-117 mm.

✓ Sebastes serranoides: 19 yg.; 2 yr.; 48-139 mm

2 lots 1 Sebastes 15 atrovirens - 15 yr. ad.; 70 yg. 69 (13.5-37)
+ 8 ad., found IV. 28: 1958 (123-224 mm)
Sebastes rastrelliger: observed only.

✓ Sebastes mystinus: 19 yg., 46-58 mm

✓ Sebastes chrysomelas: 12 yg.; 14 yr. ad.
7 bl. gr. - ad., 166-216 mm, others presumably at UCLA

✓ Sebastes carnatus: 1 yg., 197 mm. others presumably at UCLA

Sebastes serripes: 1 ad.; in tank, 230 mm ~~and~~

Most of Sebastes to Flechsig.

→ 18 spec. (28-109) in SIO collection (from unidentified shelf) as of
Feb '59 R.J.K. Krejsz.

47 Embiotoca sp. 2 (205-213)

61 Gibbonsia elegans 3 (75-80)

in 5 specimens
than out 28.51
whole number

54. Oxylebius pictus: 10 ad. Bands definitely red; one nearly black. IV: 28:1958; 8 ad, 50, 72-129

55. Artemius creasei: 9 ^{yg.} ~~h.g.~~ -ad, 21-54 mm.

✓ Artemius corallinus: 6 ad. One rather plain -tan color; one bright yellow and coralline 34-80 mm

55A ✓ Clinocottus recalcus: 15 yg.-ad, 10-73 mm

✓ Clinocottus analis ~~australis~~: 13 yg.-ad, 15-95 mm

✓ Oligocottus ^{rubellus} ~~mydori~~: 2 yg. 25-27 mm.

✓ Orthonopias triacis: 9 h.l. gr.-ad. 27-66 mm

57 Aulorhynchus flavidus: 51 h.g. -ad. (89-158)

59. Lythrypnus zebra: 20 ^{h.g.} ~~ad.~~ 18-42 mm.

✓ Coryphopterus nicholsi: 27 ^{h.g.} ~~ad.~~ 47-76 mm.

✓ Lethops connectens: transf. yg.-ad. 29.

22 sp. to UCLA IV 7: 1958
7 " " h.g. 4: 12: 1958 (19-47 mm)

56. Liparis mucosus: 2 ^{h.g.} ~~ad.~~; ⁴⁶ almost uniform pink tan; h.l. gr. faint pinkish. 23-32 mm

60 Rimicola eigeramanni: 8 ad. One in greenish phase with sides darkened near clear belly. One with 11 crossbands of silvery blue, anterior 5 very large with centers of light tan ground color. One with 10 bars, none with dark centers.

60 Rimicola muscarum 6(22-32)

61. Heterostichus rostratus: 4 yg.-ad, 42-174 mm

✓ Gibbonsia metzi: 10 yg. ~~h.g.~~, 23-44 mm

Gibbonsia elegans ^{vulgaris} 24 yg.-ad.

✓ Gibbonsia montereyensis 20 yg. ~~ad.~~, 25-54 mm

✓ Alloclinus holderi: 1 ad., 74 mm

- ✓ Cebidichthys violaceus: 2 yg. - yr. 25-74 mm
- ✓ Plagiogrammus hopkinsi: 3 hl. gr., 60-66 mm
- ✓ Xergerpes fucorum: 1 ad., 93 mm
- ✓ Ulvicola sanctaerosae: 2 yg., 47-70 mm

IV: 30: 1952 - 2 quart jar transferred to 40% Isogr.

IV: 6: 1958 - 2 - 2½ gal. jars., and 1 gal. jar started
 growing. bettopos sorted out and taken
 to UCLA. IV: 7: 1958