

gift to K. Kuronuma, Tokyo Univ. of Fish.

State or Country: California Field No. H 51-244
County: _____ Map: U.S.C.G.S. 5114, 1945
Locality: Western point of Pelican B, Santa Cruz I.

Lat. 34° 02' 15" N, Long. 119° 42' 07" W.

Water: clear, salt

Vegetation: predominantly Macrocystis; Cystoclema, Cystocleira,

Isenia, laminaria, Gigartina, Bachiocladia, Codium,

Bottom: rocky to ss; then sand short red algae

Cover: rocks + kelp

Temp.: 16.18° at 1047 at anchorage

Shore: cliff

Current: slight seaward

Dist. offshore: 5-30 yds.

Stream width: _____

Depth of capture: surface to bottom

Depth of water: ab. 12-55 ft

Collected by Conrad Limbaugh + Arthur Flecksig + party from Orca

Tide: _____

Date: VI: 29: 1951

Method of capture: deep water derrick poisoning + spear

Orig. preserv.: 10% form + borax Time: 0840-1300 P.S.T.

1-3 gal; 1-1 gal, 1-8 gal and tagged

Invertebrates: Coralline bryozoans encrusting

all rocks. Pink gorgonian coral very common.

Large sea anemones, Cyrtanthus, Centrochinus

with Lythrypnus latifasciata, S. franciscanus

and S. purpuratus, a few labrers. Pugetia in

surface kelp.

1 squid put with yg fish.

Octopus killed by poison.

35. Paralabrax clathratus; 2 ad, ripe ♂ & ♀, discarded
One had scraps and sea weed in stomach.

40. Atherinops affinis insularum: 104 larval to very yg.

49. Hypsypops rubicunda: 1 ad speared, tagged, 125 mm

48. Chromis punctipinnis: 1 ad. speared, (184)
One 6" spec seen with 3/4" iridescent blue spot
on top of head.

47A. Rhacochelilus toxotes: 1 ad, speared, 355 mm

Taeniotoxa lateralis: 1 ad speared.

Embiotoca n.s.: 4 yg, red, 210-225 mm.

" " " 3 (203-210)

* Brachyistius frenatus: 18 yg, red, 23 (35-121)

Damactichthys vacca: 1 ad 161 gr.

Embiotoca jacksoni 1 (63)

* One Brachyistius has a ♀ parasitic isopod with huge number of
yg, in a very large cavity behind gills, indicating prolonged residence (over)

Field Data Sheet: Fish - 2m - 7/49 (B3692s) 997

47 Brachyistius cymatogaster aggregata 1 (112)

50. Pimelometopon pulchrum: 1 ad speared, discarded

50 Oxyjulis californica: 1 lg. ad., speared (191)

51. Agirella nigricans: 1 ad. spear, tagged, 254 mm.

B Medialuna californiensis: 1 ad., spear, tagged, 221 mm.

53. Sebastes serranoides: 1 yg. 1 ad. speared, tagged ^{ad. 290 mm} DMD

Sebastes atrovirens: 36 post larval to ad 24 (12-43)

Sebastes mystinus: 35 yg. - hl. gr.; 1 yr. and 1 hl. gr. speared

Sebastes chrysomelas: 3 yg. - 1 ad. speared 3 (30.8-32.3)

Sebastes carnatus: 3 yg. (33.5-39.5) ^{R.I.K. Feb. 59}

Sebastes serripes: 3 yr. - ad.; 2 ads tagged, ads. 175-245 mm DMD

54. Oxylebius pictus: 6 hl. gr. ^{sm.} ad. (48-113)
 → 4 (41-295)

55. Scorpaenichthys marmoratus: 2 trans. yg. 2 ad. tagged.
 ~~2 (20-295) DMD 280-308 mm~~

Artedius creaseri: 5 hl. gr. - ad. (22-41)

3 yg. cottids, probably this species.

Artedius corallinus: 13 yg. - ad. 12 (28-74)

One grading from greenish cream to lavender.

One with broad brick-red band behind eyes.

Orthonopias triacis: 1 yg. 2 (28-31)

57. Aulorhynchus flavidus: 1 yg. (39)

6 (16-35) gift to Crown Prince of Japan 11 Apr 1974

59. Coryphopterus nicholsi: 37 yg. - ad.; q's with ripe bright orange eggs. 2 35 (21-78)

59 Lythrypnus zebra: 21 ad. (18-39)

59 Lythrypnus ^{latifasciatus} ~~latifasciatus~~ dalli: 7 ad. 8 (25-29.5)

60. Pimicola ~~argentea~~ ^{mucosus} ~~argentea~~ ^{cabrilloi} (MS): 1 ad (26) Paratype (27-34)

56 Liparis mucosus: 3 lg. yg. - hl. gr. One finely and one coarsely ~~marked~~ splotted with dark.
 One with fine blue lines grading from circles to hexagons. → 25 (25-425) 1 (199)

61 Gibbonsia sp. r. 1 (199)

61. Heterostichus rostratus: 1 post larval; 1 ad.

61 Gibbonsia erythra ^{montevirensis} ~~erythra~~ 8 (58-76)

Gibbonsia elegans 2 42 yr. - ad. #

61 Gibbonsia montevirensis 8 (38-73) 16 (38-76)

61 Alloclinus holderi: 14 hl. gr. - ad. 15 (48-85)

61 Xerxerpes fucorum: 1 sm. yr. (105)

61 Ulvicola sanctae rosae: 1 yg. (57)

State or Country: California Field No. H 51-244A

County: _____ Map: _____, 1

Locality: Santa Cruz Id., off Sandstone Pt near E.
end of S shore

Lat. 33° 59' 33" N, Long. 119° 32' 45" W

Water: clear, salt, blue (oceanic)

Vegetation: near Macrocytis bed

Bottom: _____

Cover: _____ Temp.: 17.32°C

Shore: _____ Current: _____

Dist. offshore: _____ Stream width: _____

Depth of capture: at surface Depth of water: ca 12 fathoms

Collected by Carl C. Hobbs & party

Tide: _____ Date: VI.30.1951

Method of capture: observation

Orig. preserv.: _____ Time: ca ~~0900~~ 1230

34 Mola mola : 1 w. gr. (ca 15") seen
at surface, leaping entirely clear at times.