

Sta. No. H47-93

Locality: California: Santa Rosa Id., S. side,
near NW end of China Pt. (just S. of beach
SE of cluster Pt.)

Lat. 33° 55.07' N.; Long 119° 10.10' W. (USC & GS chart 5116, 1937)

Water: clear, salt

Vegetation: rather little - mostly short brown; no
help; small patches Phyllospadix; some corallines

Bottom: mostly rock; some boulders

Temp.: none in upper pool

Shore: on rock reef, to cliff

Current: inward in lower

Distance from shore: pool about 10 x 25 (lower)
and 10 x 25 (upper)

Tide: low - 0.6 at 12.04

Depth of capture:

Depth of water: to 5' (lower)
to 2' (upper) (1204)

Method of capture: dennis root poison

Collected by: Hubb, McHugh, Haymaker

Date: IV: 29: 1947

Orig. preserv.: 1090 form. + boxes

Time: 12 - 2 p.m.

Fishing thorough in upper pool,
incomplete in lower, because
of inflow of waves (strong NW
wind).

Lower pool about 1 ft. above
low water of day

Upper pool about 2 ft above
low water of day.

All fish caught saved.

moderate crinoids, esp. in upper pool.
lower pool with deep pockets.

More sand & stone in lower pool -
upper pool with many sea urchins
(*S. purpuratus*) - lower with many
S. francis canis.

Haliotis cracherodii — some in
upper pool. Great numbers in
lower pool & on walls above;
in places 3 deep.

A few limpets taken off rocks & cleaned.

Very few invertebrates saved.
A bit of encrusting coralline algae
saved.

FISH NOTES (con. from back of next p.)

61. Gibbonsia : ~~several~~ a few
postlarvae and juveniles, from
lower pool.

~~61. Gibbonsia montereyensis 16~~

61 Gibbonsia metzi : 1 ad., from
lower pool. Brown. 7(23.5-149.5)

Gibbonsia elegans : 1 hl. gr.,
lower pool. Coralline phase.

61D Anoploarchus ~~^{purpurascens} costa-galli~~ archaleyo 1(16.5)

* UNIDENT. 1 very yg., lower pool. D.S.S. A.I, 36, P, 10-10
Sketch * Body whitish purple with cream reticulations. Cream
thin along D. fold. A. with purple blotches near tip. Mark of

61 Epigonus atro-purpureus : 1 hl. gr. 7(94-151)
Xiphister

61 Xerxys fucorum : 10(24-75) yg. — hl. gr.

FISH NOTES

61. Gibbonsia montereyensis 1 (58) 1 (103)

47. Embriotoca jacksoni (~~embriotoca~~): 1 hl. gr.
 + 1 ad., from lower pool. Ad.
 escaped on tramping to quickening
 jar. It was typical of its
 reef form, as far as appearance.
 Lips thick, subhorizontal,
 largely yellow. General color
 plain, dusky olive. Hl. gr.
 sand was olive, with much
 blue between the brown bars.

51. Girella nigricans: 1 seen in - 9 (53-126)
 lower pool, all (caught (lg, y
 - hl. gr.) from upper pool. (137)

53A Sebastes chrysomelas: 1 hl. gr.
 Dark markings brownish black;
 lighter ones greenish gray above,
 yellowish below. From upper
 pool.

Sebastes: 1 yg.,
 from lower pool. Almost black
 on body and on basal part of fins.
 The outer clear part of the fins
 forms a narrow border on D_1 ,
 a broad border on D_2 , A and P_2 ,
 and covers most of P, and C. (150)

55A Scorpaenichthys marmoratus: 1 hl. gr.,
 from lower pool. Dark markings
 brown; light markings a very pale
 55, 59, 61 (over) 61 opposite. over

over

brown tan with greenish edging.
55B ^{Oligocottus} ~~Devalarchus~~ snyderi: 1 li. gr.-ad., lower
pool.

55C Clinocottus anatis 48(19-91): yr-
-ad., both pools, mostly from
upper; a few taken by pouring
excess formalin into a small
pool.

Montereya recalva: 3 li. gr.,
~~both pools~~ (57)

59A Coryphopterus nicholsii: 1 ad. 1/2 from
lower pool; a still larger one in
same pool escaped. Dorsal vertical
silver-blue dashes and some
orange spots on body. D₁, D₂ and
upper part of C with faint orange
spots. Margins of D₂, C and A
blue-white. General color translucent
in life, more solid appearing
in formalin.

60A ^{Gobiesox maeandricus} (39)
~~Devalarchus maeandricus~~: 1 ad. 1/2 from
lower pool, clinging to under
surface of boulder in shadow
pocket. Body with about 11 light
cross bands, with intervening
dark bands, both much broken
into reticulations. C blackish
brown with milk-white posterior
edge.

Group 61 - See reverse of field data sheet