

Copied for CAS.
VII.30.1947

Sta. No. 1446-75

Locality: California: Mission Bay, near mouth
at Pt. Mendocino, E. side of highway

Lat. ° 'N.; Long. ° 'W. (USC & GS chart, 19...)

Water: clear, salt

Vegetation: mostly in and around thick Zostera

Bottom: sand with some mud and stones Temp.:

Shore: sand beach, and rock fill beside highway Current: tidal

Distance from shore: Tide: 0.64 at 7:55 A.M.

Depth of capture: Depth of water: To 5 ft.

Method of capture: 6' c.s. 6' x 12' 1/4" mesh and 30' bag seine

Collected by: * Carl L. Hubbs & party Date: VII.20.1946

Orig. preserv.: 10% form. + borax and heavy alcohol Time: 6:45 - 9 A.M.

Party consisted of Carl L., Laura C., Clark
and Carl L. Hubbs, Boyd W. Walker, E. M.
Kamya and Brian Boden.

P. maculatofasciatus: D. much more rounded
in U but 3rd and 4th spine show
evidence of injury.

6. Platyrrhinoides triseriatus: 1 ad.,
dead on beach.

1 ♀ Syllichthys in stomach of large P. maculatofasciatus probably stolen bait

23. Tylosurus exilis: 1 yg

To Cl. Th. 35. Paralabrax

clathratus: a few yr., 2 preserved ^{96-100 mm}
alive

nebulifer: 2 ad. discarded
maculatofasciatus: after under taken

40 Aureothes tenues: 2 yg. 1 yr.
(34.5-50.5)

40 Atherops affinis cedrosensis: ser.
(disc.)

7 yg. In life much more
silvery than yg. of pittoralis

(over)

40 Atherinops affinis littoralis: ser.
yg. - ad. (disc.)

46. Scorpaenopsis politus: a few yg.

1 preserved, a few alive

1 dried, discarded, VI:8:62 KWR

48. Chromis punctipinnis: a few yg.

2 preserved, a few alive

Yellow toward caudal and pink
on mid-sides. Caudal golden orange
toward base of each lobe. Same of
same color on D. near base.

1 dried, discarded, VI:8:62, KWR

47. Micrometrus minimus: a few, some
alive, mostly discarded.

Embiotoca jacksoni: ad., 2 preserved, (72-78)
mostly alive.

Cymatogaster aggregatus: a few, all
discarded.

50. Oxygaster californica: 1 yg., alive

51. Squilla nigricans: a few, pelagic
stage, none kept.

58. Leptocottus armatus australis:
many ad. serial, all discarded

B-YX
57. ~~Syngraphus~~ *arctus*: 2 (85-102.5)

57 *Syngraphus griseo-lineatus*
leptorhynchus: 66 (54-183)
ser.

hybrids: *Syngraphus* *Syngraphus*
c. *californensis* x *Syn. g. leptorhynchus*
2 individuals, counts taken

Syngraphus c. californensis: 2 ad.
counts taken

See below
for color
notes.

59. *Clevelandia* 105: a few reared,
all dis carded.

61. *Heterostichus* rostratus: many
yg. - ad., reared, all but
2 kept alive for Steinhart.
A single brown in lot,
preserved with 1 queen etc.

1 yg.; 2 yr.
to CAS

Sibonasia *searsae*: over 20
collected, bl. q. - ad.
20 preserved, 3 alive

Color notes on hybrids *Syngraphus*: Large
specimen bright brassy green; smaller
brownish green. The ventral surface in

the larger one is bright green & yellow forward, in the other silvery white in this region. In both the lower part of the opercle bears distinct though rather few dark spots and streaks.

The larger one has almost no trace of the mid-ventral streak on the trunk, the smaller has this moderately well developed. The larger one has numerous light spots on the top of the head and the top of the first few trunk rings and in coarser pattern over the lower half of the sides of the trunk, on either side of the anus the ventro-lateral spots give way to lengthwise streaks. The smaller specimen is more properly freckled with light, and on the dorsal surface the gray spots are so thick as almost to obscure the brown background. The larger specimen but not the smaller, shows a few dark specks at the ventro-lateral sutures.

Synbranchius c. californicus: Both specimens are rather brown with much spotting of light on the D. surface. In the larger one this spotting on the back of the trunk is in fine pattern and very dense. In the smaller one there is a light ellipse on each dorso-lateral ring edge of the trunk; at intervals these spots are widened so as almost to touch and such bands are continued on the back of the tail. In the smaller one there is also a light

streak on each ~~ventral~~ ring along
the lateral corina back to posterior
end of Dorsal. The lower part of its
opercle is plain silvery gilt. In its
smaller specimen the lower part of its
opercle is very strongly striped lengthwise
with brown and white. The other specimen,
the ventral part of the trunk has numerous
light spots and a mid-ventral dark
streak.