

Sta. No. 447-71

Locality: ^{Norte} Baja California: Estero de Punta Banda
In low tide lagoon on inside about 3/8 mi. inside
entrance

Lat. 31° 46' 36"-40" N.; Long. 116° 37' 00"-07" W. (USC ~~1046~~ ¹⁷⁰ chart 1046, 1923)

Water: rather muddy; bottom visibility ab. 2 ft.; salt

Vegetation: ~~no~~ widgeon grass

Bottom: muddy sand and sandy mud

Temp.: 67° F.

Shore: sandy

Current: almost none

Distance from shore: to 60 ft.

Tide: low at ~~4~~ 3:51

Depth of capture:

Depth of water: to 5¹/₂ ft.

Method of capture: 17' scrim seine

Collected by: Carl H. + Laura C. Hubbs

Date: 11:23:1947

Orig. preserv.: 10% form. + borax

Time: 3:30 - 5:15 P.M.

All kept except as noted.

Small collection of invertebrates

8. Allengraulis mordax mordax ? :
a few post larvae

27. Fundulus sp. parvipinnis : see. bl. yr. ad.
about 2/3 discarded.

35A Paralabrax clathratus : ¹⁸ ~~17~~ yr. - yr.
(32 (54-120))

Paralabrax nebulifer : 11 yr. (45-90)

Paralabrax maculatofasciatus : yr. - yr.
1 ad. eaten. ~~3 (43-82)~~
3 (43-82)

Some yearlings of Paralabrax discarded.

40. Atherinopsis c. californiensis : yr.
many discarded.

Atherinops affinis littoralis: yg. large
many dis. carded. One close net
school of adults seen near shallow
water.

47. Cymatogaster aggregatus: many
new-born adults and a few larger adults
saved. Many small ones dis. carded
39 (31.5-99) R.J.K. Feb '59

51. Quilla nigricans: yg.-yr. saved
4 (38-83.5) R.J.K. Feb '59

53. Scorpaenia guttata: lg. yg.

55. Leptocottus armatus australis: yg. large
7 (30-83) R.J.K. Feb '59

57. Syngnathus yvesi ~~leptochrychus~~ 271 lg. ser. (64-140)
leptochrychus: yg. ad. lg. ser.

59B Sillichthys mirabilis: 5 18 (39-100)
yg. ad. incl.
2 large yg. from a bait dealer fishing
with trays elsewhere in the Estero.
He is fishing for bait to sell in Calif.

59C Girella y-campa: 5 22 (15-45)
hl. yr. ad.
Gift to Crown Prince of Japan
23 (22-43) Prob. some dis. carded. 21 (23-45)
11 APR 1974

59A Allypnus gilberti: lg. yr. ad, no doubt
some dis. carded. 1 (33)

59C Clevelandia sp. yg. ad. many discarded
Gift to Crown Prince of Japan 39 29 (13-33)
11 APR 1974

61. Heterostichus rostratus: juvenile was
to yr. 3 (73.5-92.5) R.J.K. Feb '59

Subbonisia sinus subsp.? : 1 ad. In
stupid barred color phase. Several
tones grayish green and with 2
ocelli prominent. The general

appearance is much like the
sinus of Newport and Mission Bays.

Hypsoblennius gentilis : 9 lg. yg. - ad
(33-68) R.J.K. Feb '59

64. Paralichthys californicus : 1 yr. (160)

~~some~~ peculiar appearance

Hypsopsetta g. guttulata : yg.

47 Micrometrus minimus 3 (31-42) R.J.K. Feb '59

IV: 24: 1947

Return from Ensenada to Tijuana

Examined pool under bridge on
side stream, 18.5 mi. N. of Ensenada.
Good pools but no fish. Main stream
has a wide sandy bed.

Coastal plain is an alluvial apron
from Ensenada to the canyon to the
north where the road goes up onto
the high land.

Collection of succulents made 31.5
mi. N. of Ensenada, 14.1 mi. S. of Pt. Descanso.

0.7 mi. S. of Pt. Descanso there
is a very extensive midden, floored
by coquina, and on top of many feet of
alluvium. Caliche has no shells,
but angular fragments of stone, i.e.,
it is not a beach deposit. Midden as
much as 10 ft. thick at the road cut.
Mostly Mytilus, considerable number of
black abalone, ^{some} rock snails, rock oysters,
a few ~~Acmaea~~ Acmaea, key hole limpets,
small red or green abalones; corals.
Sample taken. Cracked stones included.
A few recent ^{land} snails added.