

State or Country: Baja Calif. Norte Field No. 51062-236
County: S.I.U.-S.D.N.H.M., 1961
Locality: Southern of Bahía de los Angeles
Approx. Lat. 28° 55'-56' N., Long. 113° 31'-33' W.
Water: _____
Vegetation: _____

Bottom: _____
Cover: _____ Temp.: _____
Shore: _____ Current: _____
Dist. offshore: _____ Stream width: Fishermen said 66 ft.
Depth of capture: _____ Depth of water: 12-20 fath est.
Collected by Richard H. Rosenblatt + party franchise
Tide: _____ Date: 1 V: 26: 1962
Method of capture: shrimp trawlers (3)
Orig. preserv.: 10% form. + borax Time: 1830 - 2400 PST

16 - 5 gallon cans. Many amphipods picked
out for Barnard. 1 qt. ~~fish~~ pt of
Misc. invertebrates. Some tagged in drum
35 Diplectrum labarum 33 (88-171)

PARATYPES

5 Heterodontus mexicanus spec. #1 in tank - clasper
on shelf 5 (180-550)

5 Mustelus lurulatus 1 (454)

5 Heterodontus Francisci 1 (196) part of series

5 ~~Heterodontus~~ Heterodontus septoni ms.

2 tagged in drum: several in cans, (1 yr &
and smaller ad.); several disc.
6 (180-550) 5 in tank

5B Mustelus californicus ad. 2 yr - ad.
a few preserved, 1 tagged in tank;
about 25 discarded 8 (455-800) 1 in tank

5G Mustelus dorsalis 1 (454) 7 (546-800)

6A Rhinobatos a few
half grown preserved; numerous, including
large adults, discarded.

Zapaterys exasperata : 1 seen,
thrown overboard by fishermen
6 (142-312 total 1.)

6B Urolophus halleri 1 bill in maculatus
phase, sev. ~~etc.~~ ad. Rosenblatt
noted, that all he saw was in same
phase.

Diglobatis ommata : 1 yg. ♂
6C Narcine entemedor 1(201)

Myliobatis californica
observed, none preserved; a few adults,
discarded.

8. Sardinops sagax ~~1 yg. ad.~~
several adults preserved, several preserved.

25. Synodus leuciocephalus 3(197-272): 1 ad.
distinguishable from S. scituliceps
by its smaller scales, yellow pelvics
and golden sheen along mid-sides,
~~many discarded, agree.~~

Synodus scituliceps yg. - ad.,
largest a ripe ♀ ~~17(125-235)~~ 2
37(125-353) bottles
many discarded.

26 Priodonopsis equatorialis ~~2 ad.~~
a few, adults, saved. 4(540-687)

~~34A~~ Balistes polylepis 35(64-105) ser. yg.
many adults discarded.

→ 35A Paralabrax maculatofasciatus 41(71-242)
yg. - ~~ad.~~ ad.
many discarded.

35B Paralabrax auroguttatus li. yg. - ad.
many discarded. 17(171-313)

~~35C~~ ~~Epinephelus~~ 1(94) 1 yr.

35C Epinephelus rivivatus

35D Diplectrum ~~ser. li. yg. - ad.~~
73(65-185)

35E Diplectrum pacificum 44(86-227)
~~ser. li. yg. - ad.~~

35F Diplectrum sciurus 10(83.5-116.3)
~~ser.~~

As a genus Piplectrum was dominant.

38. Lutjanus guttatus ser., yr. - ~~ad.~~
36 (96-157.5) many discarded. 79 (97-162)

39A Pseudupeneus grandisquamis
hl. gr. 79 (97-162) moderate no. discarded.

gift to Cal. Acad. Sci. 41. Eucirostomus dowii argenteus 33 ad. (67-145)
many discarded

41. Eucirostomus elongatus 1 (114)

42. Palometa _____ 1 ad.

44A Xenistius californiensis
hl. gr. - subad. 8 (71-138)
Some discarded.

44B Haemulon steindachneri
1 yr.

44F Orthopristis inornatus 9 (113-151)

44C Pomadourys panamensis
69 (85-215) many yr. - hl. gr.
many discarded.

44D Microlepidotus biornatus
several hl. gr. - ad.

44E Orthopristis reddingi 29 (118-184.5) ad., incl. ripe ♀ - many disc.

45A Calamus taurinus ser. yr.
Many, incl. adults, discarded.
14 (69-202)

46A Synoscion macdonaldi 1 (540) tank
1 hl. gr. tagged, in drum
only on ticks

46 B Ophioscion _____
1 ad. (over)

46C Pareques viola 11(115-144) a few ad.
Some discarded

46D Larimus pacificus 1(158) 1 ad.

46E Menticirrhus _____ 1 ad.

46F Micropterus megalops 2(168-205) 2 sm ad.

50A Halichoeres semicinctus 1(169.5) : 2 ad. ♂

53A Scorpaena sonorae 80(75-109) : ser. ^{larger ad.} ~~ps.~~
many discarded.

53B Scorpaena guttata guadalupae
& few hl. gr. - ad. 2(161.5-207)

53C Scorpaena plumieri mytes : 1 hl. gr.
(186)

56A Prionotus stephanophrys
hl. gr. - ad. 45(91-158)

A few discarded.

56 Prionotus xenisma 14(56-78)
ser. of yr(?) with some indication
of intergrading by age change
with stephanophrys

3(29-32)

59. Thyphnus(?) sp. gilberti: 2 ad.

Body speckled orange becoming
 bluish on axis of urosome and the
 paired giant ~~tela~~ melanophores
 along mid dorsal. Gular region
 sooty. Tip of C. milky. Bars on
 C. base dusky orange. A. jet black,
 except at margin. Color described
 from what appears to be a mature
 ♀ preserved in vial with larval fish,
 possibly a goby.

59 Quietula y-cauda

1(33)

60. Porichthys analis series, hl. gr. - 24

Many discarded. 28(100-289)

61A Sepophidium stigmatistum

2 hl. gr. (156-188)

64.A Paralichthys aetnarius 12(311-302)

several hl. gr. saved. Numbers
 of adults taken by fishermen,
 est. to 800 mm. S.L.

64B Hippoglossina
~~Liglossina~~ tetrophthalmus

6(131-286) several adults saved -
 many discarded.

64C Xysteurops liolepis

sev. yr. and hl. gr.

many discarded.

(over)

32 (76.5-197)

64 D Etropus crossotus

series

yr. -ad.

not abundant.

64 E Pleuronichthys ocellatus

good series, yr. -ad.
many yr. discarded

64 F Pleuronichthys verticalis

1 yr., and ser. hl. gr. -ad.

The color pattern is rather constant, but the ground color varies considerably in richness becoming somewhat orange in some specimens. The light spots vary from hardly more than gray to bright lemon-yellow.
nearly all saved.

64 G Symphurus atramentatus

7(95.5-147.0)

a few hl. gr. -ad.

64 H Syacium ovale

1(92)

Carl L. Hubbs and party