

State or Country: Baja Calif. Field No. 450-26 A

County: _____ Map: _____, 1.

Locality: Melpomene Cove, Sanadalupe Is.

Lat. _____ N., Long. _____ W.

Water: clear, salt

Vegetation: considerable short algae, much Sargassum, at 2 1/2 ft long.

Bottom: huge boulders, rounded - no small boulders

Cover: _____ Temp.: 16.6 at 1400 at surf

Shore: _____ Current: _____

Dist. offshore: _____ Stream width: _____

Depth of capture: _____ Depth of water: at 15-35'

Collected by Conrad Huntbaugh

Tide: half tide Date: I: 27: 1950

Method of capture: spear and observation

Orig. preserv.: _____ Time: 1400-1500; 1615-1645

A. 6. Myliobatis californica Gill
~~Heterobranchius setonias~~ : 1 ad. sp., (375) width
spear, preserved in tank

26. Symnotherax mordax : 1 sm. ad.,
observed only.

B. 35. Paralabrax clathratus : 1 ad. ^{300 mm.} spear
and preserved, numerous observed
3rd most abundant ^{DMD}

40. Atherines, 2 groups of about
25 individuals in each seen.

One similar to allacore with Medialuna,
length 8". Pectorals extending to
C. peduncle. D surface blue, fading
to silver gray ventrally. Faintly arched,
Forked tail. Frenatus ~~setonias~~

47. Brachyistius ~~frenatus~~ : Many
scattered small groups observed.
Above Sargassum down to depth
of 40 ft.

(?) Damalichthys : 1 ad.
Head more broad than S. Calif.
species. Conical felt with sunken
pore a Damalichthys, but did not see
another, not did I. The species should not be listed.

48. Chromis ^{punctipinnis guadalupensis} ~~sp.~~ : 2 ad. speared
 numerous everywhere. Yg. changing from
 golden color to blue, much redder than in S. Calif.
 Second most abundant : 3 ~~ad.~~ gr. - ad.
~~Hypsypops~~ insularis : speared, and preserved. none observed
 were over 7 inches long.
50. Halichoeres semicinctus? : numerous but
 scattered. none speared.
- Oxygaster californica : observed only
- Pinelamotopus (near pulchrum) : 1 ad speared.
 4th most abundant fish.
 Seem to school, which unlike
 S. Calif. representative. Smaller
 and slimmer. Develop 8 characters
 at smaller size. ~~fish~~
51. Girella nigricans : observed only.
 Apparently smaller than in S. Calif., only to 10"
- Medialuna californiensis : speared 1 lg. gr.
 and 1 ad. Very numerous, most fish
 numerous in the core color phase with
 horizontal stripes. Seems darker and rather blue
 smaller paired fins.
53. Scorpaena guttata : 1 lg. ad. speared
 295 mm. DM 2
~~Guadalupensis~~
55. Prob. Allocheilichthys : one seen.
61. Lythrypnus latifasciatus : ~~1 ad.~~ numerous
 associated with sea urchin, Centrochina.
Lythrypnus zebra : only 1 seen

61 Heterostichus rostratus : 3 observed.

Invertebrates seen:

Sea cucumber observed, apparently different than in S. Calif.

Sea urchin, Centrochinus, common.

Astrea shells numerous, no live one seen

Lobsters none

Abalones - 2 apparently pink abalones in lobster trap.

Dominant plants, Sargassum and Phyllospadix

Siphonophore - about 4 ft long. ^{up rock in back.}

Sand areas very bare

Pimelometopon ^{pulchrum} : ♀ rich pinkish tan, with the fins brownish tan. Body with conspicuous brown spot at each scale base. Chin ivory. Outer part of D. spines sorty bluish.

H50-26 B

I: 29.1950 1415-1445

Collected a/gae {For identification see letter from Paul Simon under U.S. Algae dated IV: 1.1950

GA ^{M. liopatis californica} ~~Holothuriscus setulosus~~ : 1 ad. ♀, speared preserved (720) width

47. Brachyistius frenatus ^{frenatus} : 1 sm. ad. speared, preserved cut in two.

48. Thysanophrys ^{insularis} ~~tuberculata~~ : 1 ad speared preserved

51 Medialuna californiensis: 1 ad.
spared, preserved.

Observed only: C.H.H. and C. Kimbrey

48 Pomacentrus leucurus

32. Pomacanthus Zonipictus?

An angel fish about 5" long
with light yellowish fin edges
and spots considerable blue in
color. Color pattern not very distinctly
seen. About 12' depth in recess
in rocks; ~~also~~ another seen about
18' deep under a ledge.

35. Paralabrax clathratus: 4 sp. -

eg. adults, mostly well off bottom
but not exclusively so. One large
mixed school of Paralabrax, snappers,
and Medialuna.

40. Atherinops affinis guadalupae:

Some rather large schools and
some singly, close to surface,
over water about 8' deep. Gathered
around observer rather close.
Ident. obvious.

47. Brachyistius paucispinus: fairly
common scattered over thick beds of
brown algae (Blosserillea)
down fairly deep (25').

48. Hypsypops insularis: One of largest seen was speared. Defending areas near bottom. One was seen to chase an adult Medialuna away. Very common. Relatively few in brown phase and the one about 3" long was bright blue spotted, hardly ^{smaller} ~~larger~~ than some clear orange.

Chromis ^{punctipinnis guadalupae} ~~punctipinnis~~: yg. - sm. ad. a few seen.

Azurina hirundo: 2 seen, swimming together fairly close to rocks but in midwater. Very brilliant ~~blue~~.

50. Pinelometopon pulchrum: common including some transforming to ♂ color at small size. One of about 30 lbs speared but not recovered. Some well off rocks, some among rocks.

Halichoeres semicinctus: mostly about rocks but some were in ^{more} open water than in S. Calif.

Oxyjulis californica: lg. yg. - sm. ad.

51. Medialuna californiensis: very numerous. Claws with lateral stripes were as common as those with bars.

Squilla nigricans: bl. gr. to ad.
Some to about 18 inches. Swimm-
ing in mid-water.

59. Synthrypanus ^{latifasciatus} ~~dallii~~ typus.
Common, 2 to 3 in each crevice
below about 15'.

60 Caridolites princeps:
Saw one about 20". In
school of Paralichthys, Medialuna
and Squilla. About 20' deep.

61 Heterostichus rostratus: 1 brown
banded phase resting on
bottom on very short algal.
1 green phase adult in
Phyllospadix.

Gibbosia: # small
type, rests on sand, appears
to be black and white, down
to 25'. Probably G. norae.

48 Hypsypops rubicunda 1 (161)