

State or Country: México, Baja Calif. Norte Field No. 51054-218
County: Map: 16181, 1945
Locality: Melipomene Cove, Guadalupe Id., offshore east and south of weather station
Lat. 18° 18' 30" to 19' 15" N., Long. 28° 51' 50" to 52' 05" W.
Water: clear, salt
Vegetation: thick Sargassum, etc. in inner sets

Bottom: rock, sand, etc.
Cover: very good on inner set Temp: see to my log on ship in log
Shore: boundary fringe to lava cliffs Current: weak to moderate
Dist. offshore: 50 ft. to 3/8 mile (1/2) Stream width:
Depth of capture: near or on bottom Depth of water: see below
Collected by: A.O. Fleck, C.G. Alexander, Carl L. Hubbs and
Tide: Edgewise Date: XI:15:1954
Method of capture: traps (2) and set lines (2)
Orig. preserv.: 10% form + bray Time: see below

Entire collection from set lines and traps, put out
A.M., XI:15:1954. Specimens saved as
indicated, all in Tanh.

5 Cephalocephalus VENTRIOSUM 299 cases + 1 adult
A

5 Heterodontus 3 ad.; 2 preserved to Agassiz
2 (710-800)

6A Myliobatis californica: 2 ad. preserved
(590-720) with

~~5 Cephalocephalus intermedius: 1 ad. preserved.~~

26. Gymnothorax monax: 27 ad. 1 (675) preserved

35. Paralabrax clathratus: 16 ad., none preserved.

48. Chromis: 1 ad., used for parasites

50. Halichoeres semicinctus: 2 ad.; 1 for parasites to Agassiz
K1000

50. Pimelometopon pulchrum: 1 ad., to Agassiz

53. Scorpaena guttata guadalupensis: 4 ad.,
3 preserved; 1 for parasites
(200-248) DMB
over for list by
traps and set lines.

Morning sets.

Inshore trap, 65' deep water, 50 yds off shore.

Paralabrax clathratus: 9 ad.

200 yds. off shore, trap in 65' of water.

No fish

Set line in front of Mexican Village, empty, ab. 65' water

" " " 60' of water, middle of bay

Paralabrax clathratus: 1 ad.

Scorpaena guttata guadalupensis: 1 ad., for parasites

Afternoon lifts -

Trap 50 yds. off shore, 65' of water

Paralabrax clathratus: 2 ad.

Trap, 200 yds. off shore, 75' of water, no fish

Trap set in 30 ft. in corner just to E. of Station bay,
at 1430 ±, lifted 1550.

Symnothorax mordax: 9 ad.

Paralabrax clathratus: 1 ad.

Chromis ~~sp.~~: 1 ad.

Halichoeres semicinctus: 1 ad.

Trap in 70 ft., no fish. 1605

Set line ~~set~~ in morning in middle of bay in 70 ft.,
lifted ca. 1630.

Heterodontus: 2 ad., preserved.

Holorhynchus californicus: 1 ad., "

Symnothorax mordax: 1 preserved, 3 discarded.

Paralabrax clathratus: 1 ad.

Scorpaena guttata guadalupensis: 2 ad.,
preserved.

Set line reset and lifted 1715.

Heterodontus: 1 ad. to aquarium

Holorhynchus californicus: 1 ad., preserved.

Cephaloscyllium uter: 1 ad., "

Paralabrax clathratus: 2 ad.

Trap just East of village, 30 ft., reset about 1550,
lifted 1730.

Symnothorax mordax: 1 ad.

Pimelometopon pulchrum: 1 ad. to Aquarium

Halichoeres semicinctus: 1 to aquarium

Scorpaena guttata guadalupensis: 1 ad., preserved

S1054-218

Trap in 30' of water set about ~~1450~~¹⁶¹⁵, picked
up at 1750, just inside of point of anchorage corr
Symnothorax mordax; abt. 15 ad.,
all discarded.

S1054-218 A.

XI:16:1954

Traps and set-line.

Complete list

- 16A ^{M. listoratus} ~~Symnothorax~~ californicus: 1 ad. + 1 yg.,
all to Aquarium. 1 (370) width
in tank
- 26 Symnothorax mordax: 9 bl. yg. - ad.,
discarded.
35. Paralabrax clathratus: 7 bl. yg. - ad.,
all discarded.
47. Brachyistius albus: 1 ad., to aquarium
48. Chromis sp.: 1 disc., 2 to Aquarium
50. Halichoeres semicinctus: 2 ad., 1 discarded,
1 to Aquarium.
- Pomelometopus pulchrum: 7 ad.; 3 ♂ + 3 ♀
1 to aquarium, 6 discarded.

Overnight Traps, lifted XI:16:1954, same
area as previous day.

Trap 1 30' water, just E. of weather station,
abt. 30 yds. offshore
Halichoeres, 1 ad., (over)

Paralabrax, 2 lt. yr.
Hobblers, ab. 15.

Trap 30 ft. deep, 30 yds. offshore, some distance
Trap 2 East of station, about $\frac{1}{2}$ way to anchorage
of Orca. Overnight set.

Symnothorax 1 ad.

Pimelometopon 2 ♂ + 2 ♀ adults.

5 lobsters

Trap 1 reset at same place, picked up about
1200.

Symnothorax 1 ad.

Paralabrax 4 lt. yr.

Halichoeres 1 ad.

Trap 2 reset at same place, picked up about
1200.

Symnothorax 4

Pimelometopon 1 ad ♂

Chironis 1 ad.

Trap 1 Picked up about 1400, same place.

Symnothorax 1

Brachyistius 1 ad.

Trap 2 Empty.

Trap 2 Picked up at 1630

Symnothorax 2

Chironis 2 ad

Pimelometopon 1

Set line #1 overnight, just east of channel
between inner island and rocks off
main island, 50 ft. of water.

6(A) Myliobatis californica 1 hl. gr.

Set line not reset.

Set line #2 overnight. SW. of anchorage of
Grea. Depth 50 ft.

No fish.

Reset and lifted about 1330

6(A') Myliobatis californica 2 yg.-hl. gr.

Paralabrax 1 ad.

Pimelometopon 1 ad.

Net lost after resetting.

SI054-218B

Complete catch of 2 traps, 1 set line.
Preserved only 7 of as indicated.

26. Symnethorax mordax: 1 ad

35. Paralabrax clathratus: 13 hl. gr. ad.

47. Brachyistius alatus: 1 ad.

50. Pimelometopon pulchrum: 2 hl. gr. ad.

53. Scorpaena guttata ^{guadalupae} ~~guatemalensis~~: 1 ad,
preserved in Tank (233) DM

61. Heterostichus rostratus ^{guadalupensis}: 3 ad., largest
preserved, in Tank. 1 (282) DM
(over)

Trap 1. Overnight
4 lobsters and 2 Paralabrax

Trap 1, just at E. end of weather station,
30 ft. deep, 0800 to 0930.

47. Brachyistius alatus: 1 ad.

Trap 2 Overnight set, 7 Symptetrax, ab. 30 ft.

Trap 2, ab. 1/2 way bet. weather station
and Anchorage of Orca, 0500-1045
26. Symptetrax: 1 spec.
50. Pseudomelatopus: 1 "
61. Heterostichus: 3 "

lobster trap. Just north of anchorage,
about 100' off shore, 36' deep, overnight
till 1000

2 lobsters

2 Symptetrax

Trap #1 Reset East of larger rock between
Inner Is. and main island, 80 ft.
at ⁰⁹³⁰ ~~1000~~, pulled at 1100

26. Symptetrax: 1 spec.

35. Paralabrax: 5 "

Trap 2 Reset south of above rock, 50 ft., ab.
1045-1630, reset ^{about} same place but 50' water
35. Paralabrax: 3

Trap 1 Picked up at 1630, no fish. Reset
~~same place~~ in center of weather sta. cove.

Lobster trap pulled 1630, reset same place, no fish.

Set line set 0830 across channel bet. Inner Is.,
and main island 70 ft. deep. Picked 1200.

35. Paralabrax 2 ad. gr. ad.

53. Scorpaena, 1 ad.

Reset at same place about 1630

TRAPS - Hook & Line

Preserved only as indicated.

18 Nov. 1954

Trap #1 In center of weather station cove,
20 ft. Overnight, picked up at 0920.
12 lobsters

47. Embiotoca jacksoni, n. subsp.: 1 ad.

Reset and picked up about 1130

26 Gymnothorax mordax: 1To Aquarium 48. Hypsypops ~~quadripinnatus~~ ^{insularis}: 1 Bl. sp.50. Halichoeres semicinctus: 2 ad.

Picked up about 1530

+ 48. Hypsypops ~~quadripinnatus~~ ^{insularis}: 150. Halichoeres semicinctus: 1 ad,
preserved in Tank.

Trap 2, Overnight in 50', south of larger
rock between Inner Is. and main
island. Picked up at 0930

5. Cephalo scyllium ~~ventriosum~~ ^{ventriosum}: 1 ad ♀ (815)
preserved in Tank.

4 lobsters.

Reset same place, picked about
1145.50. Pimelometopon: 1 ad. ♂Reset in same place, picked up
about 153050. Pimelometopon: 1 ad.

Set-line not found.

Lobster trap: 2 lobsters.

(over)

Hook and line fishing from launch.
On bottom, with macherel and jack marked
cut bait, A.M. southeast corner of Jones
Island, abt. 175' of water.

50' *Pimelometopon* : 1 ad. } disc.
60 *Carolotilus* : 7 ad. }

1300-1400

Fishing off South Bluff in about
100 ft. of water

none
saved { 35 *Parachanna latialis* : 1 ad
50 *Pimelometopon pulchrum* : 1 ad ♂
60 *Carolotilus* *anomalous* *principis* : 1 ad.