

State or Country: California

Field No. 51054-199

County: ~~Cuyler Harbor~~

Map: U.S.C. & G.S. 5116 insert, 1948

Locality: Cuyler Harbor, San Miguel Id., about
Bat Rock

Lat. $34^{\circ}03'33''$ N., Long. $120^{\circ}21'16''$ W.

Water: clear below top 10 feet; salt

Vegetation: thick growth of red algae to about 10 ft.,
some Macrocystis + an erecting coralline below.

Bottom: flat sand between rock outcroppings

Cover: very good in cave, etc. Temp.: 14.45°C .

Shore: rocky Current: little

Dist. offshore: close Stream width: 4' to ab. 40'

Depth of capture: Depth of water: 4' to ab. 40'

Collected by Conrad Limbaugh, Beverly B. Morgan,

Tide: outgoing, medium Date: 11/16/1954

Method of capture: small net + bottles + by hand

Orig. preserv.: 10% form. + body Time: afternoon

Sea urchin (Strongylocentrotus purpuratus
+ franciscanus) abundant on rocks;
sand dollars very abundant on sand.

Bat stars common. Red abalone found.

large red anemone (not known sp.).
collecting done while scouting for poisoning next day.

5. Squatina californica: 2 sp. ad. 70 pulled
out of sand by Limbaugh; about 35'.
Many holes seen, found by angel
sharks. None caught with dip.

47. Tarionotoca lateralis: large adults
common at depths of 12-30 ft.; none
collected (Limbaugh).

50. Oxygaster californica: Limbaugh saw school
of post larvae and young. None collected.

53. Sebastes serenoides } large adults
" mystinus } recognized
" atrovirens } by Limbaugh
" rostralis
" chrysomelas
" sp. ?
" sp. ?

(over)

510 54-190 (cont.) over.

54. Oxylebiscus pictus: many ads. seen by Limbaugh
from about 15-40 ft., by rocks and among
sea urchins; scattered. None collected.

55. Artedius corallinus: seen by Limbaugh
between rocks, among sea urchins. None
collected. Specimen of Artedius seen
in crevices (sp.?).

Orthonopias triacis: 1 large yg. collected;
many adults seen in rubble & about
base of rocks. 24.5 mm.

Engraulis taurina: 2 large ygs., on
sand, about 1 yard apart, next a
rubble patch at base of rocks.
Brightly colored. 19.5-31 mm.

57. Syngnathus californiensis: 1 lg. gr.
caught by Morgan 1 (138.5)

59. Coryphopterus nicholsi: 1 lg. young
caught by Morgan. Abundant,
usually on sand near holes in
rock. 27.5 mm.

60. Sobieskius macandrieus: 1 ad. under rock
about 6' deep. 83.5 mm.

61. Heterostichus rostratus: young seen about
macrystis

61 Silbonia montereyensis: 1 (56) caught. Silbonia
common in rubble. montereyensis
1 (48.5) RR.

cat. 64. Citharichthys stigmaeus: 1 lg. gr.
very common

cat Pleuronichthys coenosus: 1 (50) RR
1 lg. yg.

Carl L. Hubbs & party