

State or County: Baja California Field No. H 50-67
 County: San Juan District Map: H.O. 1490, 1920
 Locality: San Ignacio Lagoon, on rocky reefs around
North Whale Island
 Lat. _____ N., Long. _____ W.
 Water: moderately clear, salt
 Vegetation: various green-tan algae, very short on
rocks; thin growth of dwarf Ruppia on adjacent sand
 Bottom: much pitted rock, corals, isolated slabs, etc., with sand
 Cover: very good crevices & holes Temp: mod and gravel
 Shore: rocky flat to narrow sand; low island Current: none
 Dist. offshore: at outer edge of shore Stream width: minute pools
 Depth of capture: At + near tide edge Depth of water: to 10" generally less
 Collected by: Carl H. Hubbs, Martin W. Johnson, Al A. Allanson
 Tide: low (+0.2 at San Diego at 1059) Date: II: 10: 1950
 Method of capture: dipnet, hands, shovel, overturning stones, cone drier
 Orig. preserv.: 10% form Time: ca. 0900 - 1130

Combined in laboratory with H50-65

Fished on later part of outgoing tide
until tide started in. Saved all fish.

Series of algae and some invertebrates
saved. Some algae from higher tide levels;

algae from E., S.W. & W. sides of island. All taken on
first saved. Heterodontus francisci: 1 Egg case. E. side 2a.

5. 27. Fundulus parvipinnis: 1 dip-netted from school that passed over reef

58. Sirella nigricans: 4 transformers from
poollets about flat slabs, dip-netted. 2 fish and
when exposed lost very rapidly to new cover
combined with H50-65 23(2341)

59. Microgobius 1 specimen
secured by Johnson in shade, overturning
a flat stone about 8" in diameter, with
a depression in center of lower surface.
Stone lay on coarse gravel & rubble with
wet trace of water. Almost translucent, greenish
amber, with bright blue bars on lower side of head
& trunk (about 5 on trunk), with one golden orange
bar near middle of series on trunk and a few
smaller spots of golden orange on trunk & on head.
Branchiostegals and gular disk light bright blue.
Ground color somewhat more orange amber on
head. On W. side, N. part of island. * see

Gustafia ycauda (Chiquita): 1 he. sp., provisioned

Garmannia
parabola (Günther) on small pitted rock

(over)

59(cms) Quietula y-cauda 9(12-19)
slender gobies from pools in muddy sand, plus
1 from rock bottom relative pool.

61. Parachinus : 3 yg. - 12. gr.
from solution holes in pitted reef at
just below lowest tide level 9 days.

~~59A Engrinus sp. #2 15(23-35)~~
~~combined with 59A in 501150-63~~

* 59 Microgobius sp. cf. brevispinis 1(33-5)
D=18 A=19 ~67 lat. sc. all cycloid