

Sta. No. H46-155-

Locality: Baja California: Guadalupe Is.
Reef at SW end, near extreme outer tip of reef

Lat. 28° 51' 56" N.; Long. 118° 19' 39" W. (USCGS chart 1681, 1937)

Water: clear; salt

Vegetation: dense growth of brown and green algae with a little Phyllospadix; some open areas

Bottom: solid rock

Temp.: ~~27.9~~²⁸

Shore: near outer edge of uneven lava reef

Current: almost no current

Distance from shore: 2 pool at 15' in diam.

Tide: -1.7 at 15:25 S.O.

Depth of capture: pools little above the tide level

Depth of water: to 3½ ft.

Method of capture: derrick net poisoning

Collected by: "E.W. Scripps" (Hull party)

Date: X/11/8: 1946

Orig. preserv.: 10% form. + borax

Time: 14:45 - 16:20

All fish saved; poisoning relatively complete.

There was good development of pot-holes and crevices.

A few mollusks including 1 yg. octopus saved.

48. Hypsopygops insularae n. sp.: 6 hl. gr. - ad.

The adult has little blue on margin of a. and pelvic. The smaller ones are dull colored, mostly with numerous blue specks on body, D₂ and C.

59A Pinnelometopon pulchrum: 1 hl. gr. ♀ (199)

[on previous day, a larger adult was seen in a ~~pool~~ nearly pool about 10 ft. deep].

(Cores)

✓ 51A Siella nigricans: 1 hl. gr. and 1 ad. (114-249)

✓ 53. Scorpaenodes ^{xylis} ~~pseudomaculatus~~: (1 hl. gr. + 2 ad.) 1 hl. gr.
taken in large pool and 2 adults from
one deep pot hole barely flooded by
main pool. Bright orange-red
on lower sides of head and breast,
on branchiostegals, pelvic, lower
part of pectoral, Anal, Caudal, most
of D₂, and outer part of D₁. Nasal
flaps and iris brilliant red. Most
of the head and the upper part of the
body blackish. Lower part of sides
are irregularly barred with dusky red.
The sides have many splotches of
cream. The 2 adults have
an especially bright cream
half ring at the lower base of
the C.

✓ 55 Chirocentrus analis 82(47-92): ser. hl. gr. - ad.

✓ 59. Syngnathus zebra - type: 33(12-34)
ser. lg. yg. - ad.

✓ 60A Rhinicola eigenmanni: 2 ^{green -} brown hl. gr.
2(13-16)

✓ 61. "Rupiscaetes atlanticus": 1 lg. ad.

The 2 ^{large} dark bars on the trunk were
very distinct in life but faded on
preservation. The borders of the
C. are orange.

61. Parachanna zorca : series ⁽²⁵⁾ yg. - ad.

The smallest one is nearly black, except for the pale caudal and a pearly pink margin on D. The next to the smallest is very dark but with pinkish D. The adults vary from pale pink - white to brown and coralline color. Several have large salmon blotches on side. In most the basal part of the pectoral is pink and in some the cheeks and opercles are also pink. The gale C. varies from greenish to pinkish.

61A Heterostichus rostratus : 3 lg ad (217-294)

Two are brown, of these one is barred and the other striped. The 3rd specimen is purple brown, with dark silver bordered stripes. The median dark stripe is connected with the one just below by oblique bars.

✓ Gubbornia morae : see eg. yg. to ad.

Most of the specimens are more or less plain, but many are strongly barred and a few are striped. Some barred ones have bright blue borders on the bars and also light blue specks and reticulations. The chin is seldom as strongly speckled as it is in eroli. The color is mostly dusky _(over)

but grades from greenish through brown to coralline.

Subbansia wroble : series lg. yg. - ad.

Uniform to varred with a few striped. Only one is very strongly striped. Some combine stripes and bars. The most striped specimen is black and green. Some of the varred ones more or less approach a coralline color. Most varred ones have the bars bordered with bright blue and have many other bright blue spots and reticulations.

Two are reddish tan with bare traces of bars. In these specimens the red borders of the ocelli are distinguishable with difficulty.

48 Hypsypops rubicunda 6(79-160)