

at S.D.M.N.H.

Sta. No. 1748-85

Locality: Baja Calif.: Punta Bocana. Ab. 2.4 sea miles
WNW of mouth of Pond lagoon. Ab. 9 1/2 sea miles
WNW of Punta Abreojos.

Lat. 26° 47' 55" N.; Long. 113° 43' 55" W. (USCGS chart 1294, 1921)

Water: clear salt

Vegetation: much Phyllospadix, brown and coralline
algae, no kelp.

Bottom: mostly rock with sand and stones, a few boulders

Shore: on broad, flat, ribbed rock reef to low cliff

Distance from shore: main area ab. 15' x 75' * Tide: +0.1 at 1655 SP
Crevices: good development of horizontal and vertical

Depth of capture: Depth of water: to 3 ft. at lowest tide

Method of capture: cube root poisoning

Collected by: C. L. + L. C. Hubbs + Geo A. Bartholomew, Jr. Date: II. 12. 1948

Orig. preserv.: 10% form. + borax Time: 15:30-1700

~~All saved except Girella. Probably many fish missed~~
1. 5-gallon can
1. 3-gallon glass jar
1. 2-qt. jar

Some invertebrates and a little algae saved.

* Tide actually turned about 1600,

The main pool was connected with ocean over ^{several} sills
about 10 inches deep. On the inside was an irregular
expanse about 25' x 50' broken by rock islands,
mostly shallow and not completely poisoned.
The poisoning of the main channel was heavy and
rather adequate, but large numbers of such fish
as Hermosilla and Girella moved out to sea
where they were met by large numbers of gulls
and pelicans. So far as possible all fish, except most of
the Girella, were preserved. There were left on the bottom
moderate numbers of Hermosilla, Halichoeres, a few Hyporhamphus
and probably others.

(over for species list)

35. Paralabrax nubilifer: 2 hl. gr. - ad, Very little bright color

40. Atherinops affinis _____: 14 lg. yg. - hl. gr.

44A Anisotremus davidsonii: 16 yg (45-70)

Steel blue above, silvery below, blackish markings. (Indexed as davidsonii)

47 Embiotoca jacksoni 4 (84-¹⁰¹~~92~~)

47. Embiotoca: 4 lg. yg. of reef species?
Bright orange on P, of one specimen
(Indexed as jacksoni)

48. Hypsypops rubicundus: ¹¹⁽¹⁷¹⁻²⁰³⁾~~33~~ hl. gr. - ad.

Half grown with blue spots; adults very bright orange. ~~14 ad + 105-150~~

48 Stegastes flavilatus 1(75)

50. Halichoeres semicinctus: 41 lg. yg. to ad. ♂'s + ♀'s.

51. Girella nigricans: 16 pelagic yg. to hl. gr. paired;
most of ^{this} species discarded.
2 pelagic yg. spec. to be checked to see
if are yg. of Hermosilla. 16(54-120)

Hermosilla azurea: 71 yg. to ad, Smallest
yg. have weak bands.
14(42-77)

53. Scorpaena mystes: 1 lg. ad. Lower surface of head and trunk coral. Same color also on lower rim of P₁. Contained a fresh Girella in stomach. 1(290)

55. Clinocottus analis _____ 2(57-66) 2 sm. ad.

60A Rimicola eigenmanni: 12(10-17) 13 spec. found on sorting in camp; 21 caught. 11 bright green; 1 green anteriorly; brown posteriorly; 1 tan, and very broad specimen. All obtained by sweeping thick sea grass shortly after poisoning.

61. Labrisomus _____: 6 small to large adults. Largest collected to date.

61 Parachanna integrifinis: 1 ad. (45)

61 Gibbonsia elegans: 7 yg. - ad. 4(54-91) 2 young still transparent with coppery sheen on lower sides. Young collected while sweeping for Rimicola.