

ignore A+B

Sta. No. H 46-203

Hancock 1521-46

Locality: Baja California: extreme S tip of
Guadalupe Id. On tidal reef.

[Beside H 46-201]

Lat. 28° 52' 08" N.; Long. 118° 19' 30" W. (USC & GS chart 1651, 1942.)

Water: clear, salt.

Vegetation: Much brown + coralline algae, etc., but
most of vol. clear

Bottom: rock with some boulders, etc. Temp.:

Shore: on top of flat reef

Current: isolated at first

Distance from shore: Six branching ledges

Tide: low + incoming

Depth of capture: Pool at 12' x 30' with arm

Depth of water: to 4 ft.

Method of capture: 8 cyanide eggs

Collected by: Zaca Expedition

Date: VIII:17:46

Orig. preserv.: 109% formalin + tray Time: 6:30-9 A.M.

All fish saved. Poisoning not complete.

motion pictures taken of collecting.

Collection of algae and invertebrates - see list.

26A Symnothorax mordax: 1 hl. gr (415)

found before poisoning lying on
moist algae on top of reef several
inches above pool level. Seemed
living and dead, but on being
touched snuggled around &
lacerated a finger. Saved.

48. 1) Lysysyngus rubicunda 2(79-90)
insularis n. sp. (?)

near rubicunda but apparently
smaller, without blue border on
lower edge of P₂ and A in small

OVER

adults with sharper front and
apparently more elevated D₂ and A₂.

Shown in movie.

2 hl. gr. + 2 ads.

1) Half-grown reddish brown, with brilliant blue spots, in part clustered in gray; P_2 and A_2 with orange-red with blue lower border.

Adults deep orange-red, becoming orange-yellow on lower parts of head and deep orange on C , D_2 and A_2 .

50. *Semicossyphus pulcher* 1(202)
~~*Pimelomelano*~~, perhaps not *pulchrum*.

2 hl. gr. in pool, one caught, other found way into recess & could not be pulled out.

Dusky brown, with conspicuous blackish brown spots, having blue reflections, at crossings of margins of scale pockets. In life darker blotches on side. Fins dark, with amber on posterior rays of D_2 and A_2 and on C near margin medially; also on outer part of lower P_1 rays. Lower part of head gray.
(con.)

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51. Girella nigricans: 2 pelagic-stage
yg. + 1 hl. gr.

53A Scorpaenodes ^{xyris} ~~pseudomus n. sp.~~ ~~xyris~~ (P): 1 lg. yg.
+ 2 ads. Young less red than
ads. Adults with the bars
deep orange-red below lat. line,
more olive above. Between the
red bars ventrally the skin is
yellow-cream dappled with black
brown. Head filaments bright
red. All fins ~~all~~ red, with creamy
speckling & barring. Iris red.
Breast pink.

55A Clinocottus analis australis - on
more extreme. Only 8 lg. yg. - ads.
[Much commoner in high juvs.]
8(28-75)

59B Lythrypnus zebra (or near it):
Several adults. 6(28-36)

59A Lythrypnus dalli 1(33)

Lythrypnus prob. new, of dalli
- latizonia type. Color
sketch by John Flecker.
Bright vermillion grading
toward rose anteriorly (color
nomenclature from Flecker),
with resplendent turquoise stripes
4 1/2 on body + one bent one behind
eye - Much of head bared over
over

best band is also turquoise, but not so deeply as the bands. Bars not dark-centered as in zebra. Color much more intense — very brilliant in water (2 or 3 adults seen, 1 caught). Wacker, pink on D_1 , D_2 , & A , with rays somewhat darker, but contrast less intense than in "zebra". C margins, above & below, with an even border of turquoise, less deep & brilliant than the bars; rest of C ~~red~~ to vermill, on.

61. Parachanna zorca, n. sp. Slenderer than integrinervis & with dorsals less connected. Presumably not the bay form. 4 adults. General tone greenish brown with weak bars, and in between, weak to strong coralline color in splashes. Large crescent on P, base more or less coralline. C. yellow to greenish, usually with faint bars, but whole fin much clearer than body.

Gibbonsia norae: a few, prob. l.g.

Gibbonsia eroli: series, lg. yg. to ad. Some stigmatized, others barred, some nearly plain. Snout sharp & D rather high.

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1521-46 } a

Shore fauna of Guadalupe seems very depauperate, both as to individuals and species. Invertebrates are very scarce on the food we worked. Extremely few echinoderms, crustaceans, worms, etc.

We saw some sea-lions but, no elephant seals while covering down the E. coast of Guadalupe Id. nor diving the stay about Melromene Cove. We might have missed a few if they were hauled out at the barracks on the NE shore, but should not have missed any at the south end.

H 46-203B

VIII: 18: 1946

At Landing on E side of West
San Benito Id. are heads &
hides of many large fish, presumably
very locally. Included are

35- Stereolegus gigas ad.

5- Salorhinus zygopterus
and other sharks, large & small.