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Sta. No. H46-147

Locality: Baja Calif.: reef at SW. tip of Guadalupe Id. Pools on SW. edge of reef

Lat. 28° 51' 50"N.; Long. 118° 19' 36" W. (~~USC&GS~~ H.O. chart 1681, 1937)

Water: clean, salt

Vegetation: dense patches & areas of feathery brown algae & brown others; some Phyllospadix; large open areas.

Bottom: lava rock, few boulders Temp.:

Shore: on shelf near edge of wide, rough reef Current: slight inward

Distance from shore: few yards Tide: -1.3' at 14:39 (S.D.)

Depth of capture: Pool about 2 ft. Depth of water: to 6 ft.

Method of capture: dip net, poisoning

Collected by: "E.W. Scripps" (Carl L. Hubbs party) Date: XII:7:1946

Orig. preserv.: 10% formalin & borax Time: 14:00 - 16:00

All fish saved except about 30 yg.-lg. gg. 2. 2-qt. jars of Girella nigricans. Possibly some were G. chilosa although this not noted in field. Good crevices, horizontal and vertical.

Few invertebrates saved (Williams collected elsewhere on reef; in boulders in entrance to N.)

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51. Girella nigricans: many, pelagic yg. to large lg. gg. - only small ones saved. To Mainland XI:19-47 4(26-28)

53. Clinocottus analis: one 2 qt. series. 65(40-81)

59. Lythrypnus dalli type - 4 lg. gg. ad. (Over) 4(23.5-30)

2 were seen in the deep, shallow pool before seining, also on previous day - apparently less secretive than L. zebra. 3 in the one pool, without weeds, 6' deep - one in shallower pool. (L. zebra in both).

(OVER)

(over)

77(12-43) R.J.K. Feb '59

Lythrypnus zebra: many yg.—ad.
10(30-42) gift to Crown Prince of Japan 11 Apr 1974
To G.W. Barlow V:11:1956 Young reddish brown, much duller than adults, with blue bars only faintly evident.

61. Gibbonsia evoli: ♂♀, lg. yg.—ad.

Gibbonsia nora: ♂♀, M. yg.—ad.

Plain, barred, striped + combined patterns.

Mostly relatively dull—greenish + coralline.

Color note XII:14:1946
clinocottus analis n. subsp.

Some of the specimens have the D, flap and the blood red spots near margin of D_2.