

State or County: Baja Calif. Field No. H 50-49
County: _____ Map: _____, 1.
Locality: San Benito Anchorage on E. side of West
San Benito?
Lat. _____ N., Long. _____ W.
Water: _____
Vegetation: _____

Bottom: _____
Cover: _____ Temp.: _____
Shore: _____ Current: _____
Dist. offshore: _____ Stream width: _____
Depth of capture: _____ Depth of water: _____
Collected by Conrad Sinsbaugh
Tide: _____ Date: 4.5.1950
Method of capture: spear and diving
Orig. preserv.: 10% formal + borax Time: 0830-0900
1130-1200

35. Paralabrax clathratus: very numerous, bl. gr.
to very large adults, common from surface
to depth of 35'. No P. nebulifer seen,
not caught.

40. Atherinops affinis bentoensis: 1 ad speared,
preserved. Common in shallows and
out to Macrogyalis.

42. Brachyistius frenatus: numerous in Macrogyalis
from surface to 20 ft down, larger than at
San Felipe.

Phanerodon atripes: 4 ad, preserved. Only
ones seen; all were at base of a single Macro-
gyalis plant about 22 ft. deep. Were
speared one by one and not frightened away.
Color very bright. Ground color above olive with
blue flecks and rows of very regular vertical
dashes of golden orange along scale rows, lower
surfaces bright golden pink. Same color along
margin of Spinous D. Dorsals and Anal
mostly dusky green. C. greenish gray on
pinnules and purplish gray on rays.
Pectoral gray with some orange at base.

Anal blackish on lobes. Pelvic grading from olive through yellow to orange red. Inside the blackish tip of the lobe. Lower part of head dappled with golden pink. Lips purplish. Iris golden red about pupil, dusky golden brown above and gilt below. A prominent dusky purplish spot behind and below mouth. Membranes of spinous D. dusky green. Sides have alternate golden and bluish stripes.

Embiotoca flavus: 1 ad speared and preserved 0830-0900. Was the largest of those seen. Were fairly common and running in pairs on bottom. Color purplish brown, rather uniform except for fine blue specks. There are several such specks per scale on the mid sides, but only one on the sides of breast and belly and on head. Fins deep brown. Pelvic with considerable green. Anal blue toward base. Lower lip is yellow cream, the upper largely dark purple but with yellowish edge. Iris is rich brown.

1 sm. and 1 lg. ad. caught bet. 1130-1200

Smaller adult has rather bright yellow lower lip and yellow front and edge of upper lip. Larger has upper lip as in first specimen.

48. Chromis, none seen.]

50. Halichoeres semicinctus: very numerous scattered, wandering over bottom. None taken.

Oxyjulis californica: very numerous in Macrocystis

Pseudometopon pulchrum: very, very numerous, very large adults seen close to bottom.

51. Hermosilla azurea: common in water less than 10 ft. deep. Some solid colored olive.

Majority barred brown stripes on olive background. Spearred one but taken by sea lion.

51. Girella nigricans very common. Many large adults up to 20 inches. Down to 25 ft. more common in about 8 ft.