

State or Country: California Field No. 51054-187
County: _____ Map: 5115 (USCGS), 1948
Locality: Bechers Bay, ab. half way between ranch and
first bridge to north Santa Rosa J. at
Northwest Arch. Lat. 34° 00.9' N, Long. 120° 02.9' W.
Water: clear, salt
Vegetation: much loose algae, brown and red

Bottom: sandy, near rocks
Cover: some in weeds + rock Temp.: Cooking thermom. 57.89 = 14.74°
Shore: pocket beaches, cliffs Current: very slight waves
Dist. offshore: but ab. 150' Stream width: _____
Depth of capture: to ab. 10' Depth of water: out to ab. 10'
Collected by Carl H. Hubbs and party on Orca
Tide: incoming Date: IX: 15: (1954)
Method of capture: 100' bag seine (2 hauls)
Orig. preserv.: 10% form + borax Time: 0900 - 1000 P. S. T.
1 - 5 gallon can All but Amphistichus saved
Saining party: Carl H. Hubbs, Conrad Humbach,
Andrew B. Rehnitz, Jay C. Gust and Betty
Morgan

8A Allengraulis mordax mordax 11 bl. gr. (55)

40. Atherinops affinis inularum: sev. lg. yg.

47. Hyperprosopon argenteum: many lg. yg.
lg. ser. (53-75)

Considerable pink in dark bands.

47 Amphistichus

Amphistichus koebeii: several lg. yg. 4 (49-68)

Lower part of head lemon-yellow. Some of this
color on breast. Rather rich brown bars, considerable
red toward middle of lower fin.

47 Hyperprosopon

Forcathys ellipticus: sev. large yg. 38 (50-62)

* 47D Amphistichus argenteus: embryos to lg. ad.
Amphistichus 80 adults discarded. 1 ad. with Symphoricar
like swelling on muzzle and a deep ulcer
on side of Count taken on 78/79 discarded.

see books

47. con.

Cymatogaster aggregata :

Very strong pinkish salmon tinge on lower sides above anal fin, color most intensified on one spot per scale. 2 to 4 pinkish orange bars much more conspicuous than on

Catalina I. specimens. Considerable red on opercular membrane, some pink on fins.

Fairly characteristic is a very deep orange-red Δ at front of A. base followed by a white band. Reddish Δ tends to become charged with black pigment toward outer edge.

Cymatogaster gracilis

32 ~~31~~ (47-71)

47 Embiotoca jacksoni : 2 lq. yg. Strong gilt color.

A little pink on posterior part of fins.
2(76-82)

Micrometrus minimus : sm. to lq. ad.

Very bright, much yellow.

57. Syngnathus californensis : 2 sm. ad. (223-234)

61. Sibbonia metzi : ser. of lq. yg. to h. yr.

64A Cyatharchus stigmaceus : lq. yr. - ad.
11(45-115)

47 Amphistichus argenteus : 208(34-225)

Sare L. Hall and party