

State or Country: California

Field No. 151-235

County: _____

Map: _____, 1.

Locality: Johnsons Landing, N.W. end Catalina I.

1st Beach East of beach at Landing

Lat. _____

N., Long. _____

W. _____

Water: clear, salt.

Vegetation: one loose patch of macrocystis only.

Coarse Bottom: sand + gravel

Cover: a few rocks

Temp.: 16.72 at Orca

Shore: sand beach to cliff

Current: Easterly. Small waves

Dist. offshore: to 200 ft.

Stream width: _____

Depth of capture: _____

Depth of water: ab 15 ft

Collected by Conrad Limbaugh and Art Flechsig + party from Orca

Tide: outgoing low 1.4 at 2045 S.D. PST.

Date: V. 1: 26: 1951

Method of capture: 100' seine, 8' deep, ~~by~~ with bag.

Orig. preserv.: 10% form + borax Time: 2030 - 2200

2 * 3 gal. jars; 2 - 2 qt. jars.

Net full of eggs, heaviest near bottom of net attached by filaments. Small series saved. Prob. Atherinops cyrselurus californicus

Invertebrates: small to medium sized Loxorhynchus
 Canceridae very small. Also decorator crab
 Barnacle Lepas Astrea Tegula ligulata
 Anemone Dendroaster.

3A Atherinops franciscensis: 1 h. g. r. (318)35A Paralabrax clathratus: many yr. many in
~~negative collection. One extra qt. jar at~~ 68 (81-165)40 Atherinops affinis: several adults
 numerous yg. Hardly enough adults to
 account for large no. of eggs.42A Trachurus symmetricus: many 4-8" long.
 Many scars like lamprey or hagfish.
 Many Trachurus disc., those with scars
 saved. 7 (82-161)46A Umbriina roncadore: 3/4 ad. 229-270 mm.47A Hyperprosopon argenteum: a few yg. 3 (62)47C Danialichthys varca: a few yg. 9 (67-77)
Rhacochilus

47B. Cymatogaster aggregata. ls. series, many disc.
Net full of Cymatogaster. Heavy ratio of ♀s
to ♂s. ♀s giving birth to yg. Some yg. saved.
2-2 qt. jars of Cymatogaster plus many in
14 (92-120) 26 (43-123)

48A Chromis punctipinnis: 1 ad. (129)
5g 3g ad. jars.

51A Girella nigricans: 2 ad. (215-232)

53. Sebastes ^{paucispinis} ~~punctipinnis~~: 1 yg. — To Flechsig.

61A Gtophidium taylori: 5 (120-181)

64A Citharichthys stigmaeus: several 33 (57-102)

64B Pleuronichthys coenosus: 1 ad. 1 (181)

53 Sebastes serranoides 1 (68) R.J.K. Feb '59

47 Cymatogaster gracilis 22 (50-113)
31 (34-133)