

State or Country: California

Field No. 7451-259

County: Southwest end Santa Cruz I.

Map: USC & G.S. 5115, 1945

Locality: Forney's Cove, Santa Cruz I.

Lat. $34^{\circ} 03' 20''$ N, Long. $119^{\circ} 55' 10''$ W.

Water: clear, salt

Vegetation: Macrocystis predominant; Egretia; Cystosira; Halidrys

Bottom: rock down to sand, ^{and rock} at about 8' and to 20 ft

Cover: rocks & kelp

Temp:

Shore: rocky island

Current: Some offshore. Wind

Dist. offshore:

Stream width: blowing thru surfway

Depth of capture: to about 20 yds

Depth of water: 4-20 ft

Collected by Carl L. Hubbs, Limbaugh, Flechsig & party on Orca

Tide:

Date: VII: 3: 1951

Method of capture: deep-purse seining

Orig. preserv.: 100% formalin thorax Time: 1100-1530

1-1 gal. jar; 1-3 gal. jar. vial of molluscs

3 octopi with fish.

bracks common

lobsters. Red abalone common, a few pink. Mysid
shrimps. Sea hares. Morris top shells. Olivella bifurcata
Sea anemones common.

Embiotoca

~~1(2102)~~ 2(64-2602)

47. Taeniotoea lateralis: 2 yg.-ad. several other yg.,
not recovered from bottom

Embiotoca sp.: 7 yg.-ad., others seen. Color varying
from brownish rose to greenish olive. One of larger
(102-178) adults in olive phase looks least like keel form.

Cymatogaster gracilis: numbers seen in mid water,
but none captured.

Brachyistius frenatus: several hl.gr.-ad. clearly seen by
Hubbs and others, dead and alive, but none recovered.

Damalichthys varca: one clearly seen by Limbaugh.

50. Pimelometopon pulchrum: sev. adults seen by Limbaugh
and others.

Halichthys semicinctus: 1 lg. deep-bodied adult closely
watched by Limbaugh, who felt sure of identification.

50A Oxyjulis californica: 1 hl.gr.; several others seen.

1(83.5)

51. Girella nigricans: a few scattered individuals and
one school seen by Hubbs & Limbaugh respectively,
all large adults.

(over)

53B Sebastes serranoides: 1 y. Taken and others seen singly
and in one small school. 1(61)

Sebastes mystinus: 1 y. seen alive, definitely identified by
Limbaugh.

53A Sebastes rastrelliger: 4 yr. - h. gr. (90-170)

54A Oxylebius pictus: 2 yr. - h. gr., red-banded 2(51-86)
5(48.5-400) in tank

55A Scorpaenichthys marmoratus: 5 y. - ad., 1 ad. tagged, 400 mm. 1
2 ad. both with ~~unclear~~ interorbital and short plumes.
One almost uniform in color with strong charge of dirty red,
especially ventrally. Other with typical marbled brown
phase

Leiocottus hirundo: 1 ad. clearly seen by Flecksig;
described as about 7" long and with elevated lat. dorsal.
1 h. gr. clearly seen by Limbaugh on sand bottom near
kelp, barely escaped being speared.

55B Artedius lateralis: 8 l. y. - ad. 7 (34-100)

55D Artedius corallinus: 3 h. gr. - ad. 4(25-80)

55C Oligocottus rubellio: 4 y. - ad. (20-45)

57A Aulorhynchus catenator flavidus: 5 y. Seen also in
small schools near base of kelp near sand. 4(35-62)

57 Syngnathus ~~exilis~~
exilis: 1 y. 1(115)

59A Lethops connectens: 2 transformers. (25.5-28)

60A Rimicola ~~eigenmanni~~ musearum cabrillo: 1(37) HOLOTYPE

61 Xerxerpes fucorum: 6 ad. (28-35) PARATYPES

41(29-143)

61A Heterostichus rostratus: one adult seen by Hubbs
in Zostera bed just outside poisoned area.

61 Ulvicola sanctaerosae 1(64)

61B Gibbonsia metzi: 2 transformers, identification
to be checked + 9 yr. - l. ad. 7(48-173)

61C Gibbonsia montereyensis } vulgaris 3(40-72)
95 y. - ad.

61D Gibbonsia elegans

Gibbonsia montereyensis in bright green striped phase.

61E Cebichthys violaceus: 4 ad. ~~larger than tagged~~ (512 mm) 4(290-512) in tank

61F Plagiogrammus hopkinsi: 5 yr. - ad. color dusky + plain
apparently 23 (69-133)

61G Epprechtichthys atro-purpureus: 6 yr. ad. 1(75-175)