

Copied for
CAS VII: 10: 1946

Sta. No. H 46-33

Locality: California: Newport Bay, near mouth
- all 5 hauls made between rocky pt. N of Kirchhoff
Lab and 1st privately owned pier.

Lat. ° N.; Long. ° W. (USC & GS chart, 19...)

Water: clear, salt

Vegetation: very dense eel grass in clumps separated
by bare spaces

Bottom: firm & soft sand, some silt & stone Temp.:

Shore: sandy beach Current: slight

Distance from shore: 100 ft. to shore line Tide: -0.8 at 3:14 p.m.

Depth of capture: to 4 ft Depth of water: to 4 ft

Method of capture: 50' bag seine & 10' pipe trawl

Collected by: E.M. Kampa, Clark & Earl Hubbs, G. Weisel, H. Dunn Date: VII: 16: 1946

Orig. preserv.: 10% formalin & borax Time: 1:30 - 3:15 p.m.

Urolophus halleri 7₁₇ (89.5-130) ✓ R.J.K. 24 Feb '59

6. Urobatis halleri, 8 yg - half grown

CAS 35. Paralabrax clathratus, 10 yearlings, 47-90 mm.
19478

40. Atherinops affinis ———, (disc.)

Atherinopsis californiensis,
c.
11

~~38~~
~~44~~ Xenotinus californiensis, 76 (49-71.5)
44

44. Anisotremus davidsoni, 2 yg. 58.5-67.0

46. Scorpaenus politus : 4 ygs., 55-85 mm.
CAS. 19554

47. Cymatogaster aggregatus, 1st sample
CAS 19493, 1 yg-adult.
79-98 mm.

47 Embiotica jacksoni 59(99-135)

A Brachyistius frenatus, 1(85)

CAS Phanerodon furcatus, 1, 104 mm.
19557

CAS Hyperprosopon argenteum, 1, 90 mm.
19552

Micrometrus minimus

CAS 19559
50. Oxygaster californica : 82 spec., 46-111 mm.

53. B Sebastes paucispinus, 1 yg(42) - Count taken.

55A Scorpaenichthys marmoratus, 3 ygs.
3 (38.5-53 mm)

Leptocottus armatus, ^{australis} 1, 2 adults 2(85-138)

57. Syngnathus geis-s-lineatus barbarae,
2nd sample half-grown to adult.
incl. pregnant ♂♂ 41(157-264)

Syngnathus ~~exilis~~ ~~l.~~, 1 half-grown 1(138)

Syngnathus c. californiensis, 12 half-gr-adult.
incl. 1 pregnant ♂

H 46-33 cont.

Newport Bay

E. M. Kampa + party
III: 16: 1946

61. Gibbonsia ^{sinus} ~~elazana~~ ~~elazana~~, n. sp.

CAS 19485 Heterostichus rostratus: 20, 63-245 mm.
31, 80-166 "

Hypsoblennius ^{gilberti} ~~gentilis~~, 2 adults ♀♀
93-127 mm.

64. Paralichthys californicus, 1(102)

64 Calharichthys stigmaeus, 6(47.5-71)

Pleuronichthys coenosus, 3 adults.
Cat# 2 (158-177) ^{FEB-JUN} FEB '59

Insert note in group 61.

Gibbonia — new sp. differs from elegans in the longer rays in all fins and in the much less leathery skin over fins and body. The head is shorter, much less deep below the occiput and with more pointed snout and smaller eye. Some sample measurement:

Height first D spine nearly an eyes length longer, instead of shorter, than snout plus eye.

Depth of head from occiput to angle of mandible ca 2.5 instead of 1.7 in length of head; head 4.5-4.6 instead of 3.9-4.3. The new species also seems to differ in head form from the southern deep water G. erythraea ~~erythraea~~. The pectoral also seems longer than in erythraea (longest ray 1.4-1.6 instead of 1.7-1.8 in head.)