

Copied for Calif. Acad.  
II: 2: 1945

Sta. No. 4458 Orig. No.

Locality: California: Mission Bay, near mouth on Pt. ~~Mission~~ <sup>Medanos</sup>  
Bay side, San Diego  
32° 45' ~~N~~ <sup>S</sup> Lat; 117° 14.92' W.L. (U.S.C. & G.S. Chart 5106, 1917)  
Water: salt; moderately clear  
Vegetation: mostly thick Zostera  
Bottom: sand with little mud, locally ~~stone~~  
Shore: similar  
Distance from shore: to 30 ft.  
Depth of capture:   
Method of capture: 2.5' Baird seine ~~tripped~~  
Collected by: C.L. & L.C. Hubbs and Edgar Anderson  
Date: I. IV. 1945

Orig. preserv.: 10% form. + borax  
Time: 5:15-6:30 P.M.  
Saved everything except 1 ad. Paralabrax (P.W.T.)

27. Fundulus g. parvirinnis : 4 subad. to ad  
45-51 mm.  
D. 14; A. 11; C. 19; P<sub>1</sub> 18-19; P<sub>2</sub> 6-6.  
12 11 19 19-19 6-6  
CAS 11476 13 11 20 19-19 6-6  
14 11 20 — 6-6

35. Paralabrax clatroratus : 9 yg. 42-57 mm.  
D. 10, 14; A. 3, 7; C. 17; P<sub>1</sub> 15, 15; P<sub>2</sub> 5, 5  
10, 13; 3, 7; 17; 15, 15; " " " "  
CAS 11459

Paralabrax maculato-fasciatus: 1 ad., returned.  
40. Atherinops affinis extoralis: sm. series,  
yg. to ad. (discard)  
at 500 Atherinops affinis californicus: 6 lg. yof.,  
or hl. gr.

47. Cymatogaster aggregatus: 4 ad. ♂'s  
CAS 11502 78-89 mm.

50. Oxygaster californica: 2 ~~yg.~~ hl. gr. 56-58 mm  
D. IX, 13; A. III, 13; C. 14; P<sub>1</sub> 13-13; P<sub>2</sub> I, 5-I, 5  
IX, 13; III, 13; 14 13-13; I, 5-I, 5  
\* Soft rays all branched. ① hypomuscular rudimentary  
CAS 11509

55 Leptocottus armatus

~~St. Gualle~~  
Chirocentrus australis: 1 subad.,  
103 mm.

to cas  
11501 DVII, 16; A. 14; C-; P, 19-19; P<sub>2</sub> I, 4±, 4  
(copied for group 55)

57. Syngnathus c. californiensis: 4 hl. gr. ad.

to A 30  
Syngnathus californiensis: californiensis X  
leptorhynchus: 1 subad.

Syngnathus californiensis leptorhynchus:

1 - 2 qt. sample yg - ad, green  
brown, <sup>tan</sup> and blackish phases.

61 Heterostichus rostratus: 11 large young to  
subad., all in eel-green color phase,  
green with silver stripes varying in  
no. and intensity; 7 kept in aquarium  
with eel-green (2 jumped out & died  
several days later). Counts taken.

C.A.S. (4) 69-160 on 4 preserved  
11443 See next sheet

64 Paralichthys californicus: 6 ~~st.~~ yg.

to C.A.S. Counts taken 85-129 mm.  
11469

Heterostichus rostratus con.

Feb. Mar. 6, 1945: Of the 5 fish, 2 died after last note. On this date 1 more died (counts taken), leaving 1 yearling, somewhat diseased and 1 subad. Both retain definitely the red-green color phase, though in ~~at~~ somewhat subdued form. The ones that died over the intervening time were similar. Much of the red-green has browned, but fine filamentous green algae on the window-side glass have helped to keep up the green tone. The remaining fish show a trace of cross markings, but the stripes, including the one on top of head remain - but are not brilliantly silvery.

Apparently juvenis is difficult to hold (or produce) in aquaria.

These fish are definitely more green than the young and yearling fish of the II: 25 collection that have been kept with Eisenia arborea.

III: 9 yearling finally succumbed.

Still green. Both edges of primary light stripe & stripe just below still silvery; stripe on top of head distinct.

Copied for Acad. I: 2: 1175  
Calif.

Sta. No. 1745-8a Orig. No. ....

Locality: California: Mission Bay, near mouth on Pt.  
 Medanos, bay side, San Diego.  
 32° 45' 21" N. lat.; 117° 14' 42" W. long (U.S.C. & G.S. Chart 5106, 1917)

Water: salt, moderately clear

Vegetation: thin coat of bladder-like brown algae, etc.

Bottom: stones + boulders <sup>corals, sponges</sup> ~~at depth~~ Temp.: .....

Shore: stones, sand and mud Current: mod. swift

Distance from shore: to six feet Tide: .....

Depth of capture: ~~to~~ Depth of water: 25 ft.

Method of capture: dip net

Collected by: C. L. + L. C. Hubbs + E. Anderson Date: I: 14: 1945

Orig. preserv.: 10% form. + berry Time: 6 P.M.

Both to CAS

51. Sirella nigricans : 1 sp.  
 D. 14, i, 12; A. 3, i, 10; C. 17; P<sub>2</sub> I, 5-I, 5-  
 To name 51 file CAS 11452

61. Gibbania <sup>n. sp.</sup> ~~elegans~~ elegans: 1 ad. 107 mm.  
 Tan with purple brown bars, ~~107 mm~~  
 3 very conspicuous ocelli  
 CAS 11446