

State or Country: California

Field No. 510 65-89

County: Los Angeles

Map: 1

Locality: 1.8 miles 167° T from E end of Federal Long
Beach Breakwater Entrance

Lat. 33° 41' 29" N, Long. 118° 10' 09" W.

Water:

(at start of short haul → E)

Vegetation:

Bottom: presumably sand and mud; ~~very~~

Cover:

Temp.:

Shore:

Current:

Dist. offshore:

Stream width:

Depth of capture: bottom

Depth of water: 14 fathoms

Collected by Carl H. Hubbs, et al., on Marine Environment Symposium Cruise

Tide:

Date: III: 27: 1962

Method of capture: ca. 3-m Tanner-type trawl

Orig. preserv.: 10% form.; frozen; alive Time:

Velero II Cruise 652; Sta. 10465

Complete list of fishes:

(Don invertebrates for SIO Aquarium)

8. Engraulis mordax mordax: 1 ad. (frozen);
[perhaps taken near surface]

47A Phanerodon furcatus: 1 ad. ♀ (frozen for
Dr. C. C. Turner), 1 left in
ship) 1(177)

53. Scorpaena guttata guttata: 3 adults (2
discarded, 1 to Fullerton Junior College).

7 66A Porichthys notatus: a few young (all young
so far as checked of this species); a few
kept by others in party. 2(56-62)

7 60B Porichthys myriaster myriaster: 1, hl-gr.
saved in form for SIO coll.
during day. 1(149)

64D Hypoglossina stomata: 1 half-grown; saved
in form. for SIO 1(178)

Paralichthys californicus: 1 hl-gr. (as ♂); taken
by other person.

64B Citharichthys stigmaeus: several, hl-gr.
composite of this & next. 1 ad.; none frozen, none preserved.
24(40-102.5) at once; others preserved as they died.
-over-

over

(64 cont.)

64C Pleuronichthys verticalis: several
 hl-gr. to ad. (some preserved and
 some frozen on ship; others died
 during day and were preserved.
 composite of this & next collection: 8 (137-192)

64E Microstomus pacificus: 1 half-grown;
 preserved in field for SIO
 1 (234)

64A Symphurus atricauda: several
 hl-gr. to ad.; combined with
 those from Velero stan. 10464
 and 10466; only 2 survived
 day for SIO Aquarium.
 Others frozen or preserved.
 composite of above 3 collections: 26 (72.5-153)

Paul C. Hubbs.