

State or Country: California Field No. 51058-107
County: San Diego Map: 1
Locality: off Del Mar, southern end of main kelp bed; almost
discrete bed approx. dimensions: 300' long x 180' wide x 35' deep.
Lat. 33° 15' N., Long. 117° 16' W.
Water: Fairly heavy swell at surface, rather turbid below.
Vegetation: Bed of giant kelp Macrocystis pyrifera

Bottom: Hard, even bottom, no protruding rocks.
Cover: Kelp Temp: —
Shore: Open Beach Current: NNE not very strong.
Dist. offshore: approx. 3/4 mile Stream width: Throughout kelp bed.
Depth of capture: Surface + on bottom Depth of water: 35 feet
Collected by David H. Davies, Carl L. Hubbs and 10 others
Tide: High 0705 Date: 12 June 1958
Method of capture: Pronox fish Fish Poison and Explosives
Orig. preserv.: 10% Formalin Time: 0930-1530

8. Sardinops sagax caerulea (Girard): 2 partly digested, 1 from gullet of Sebastes atrovirens,
Engraulis mordax Girard

35. Paralabrax clathratus (Girard)

40. Atherinops affinis cedrosensis Hubbs

46. Genyonemus lineatus (Ayres)

47. Hyperprosopon argenteum Gibbons

Embiotica sp. jacksoni Agassiz 1 (120)

Hypsurus caryi (Agassiz) 10 (45-153)

Phanerodon furcatus Girard

Rhacochilus ~~Dematichthys~~ vacca Girard 1 (63)

Rhacochilus toxotes Agassiz 3 (77.5-80)

Brachyistius frenatus Gill 9 (26-51)

48. Chromis punctipinnis (Cooper)

50. Oxyjulis californica (Günther)

51. Girella nigricans (Ayres)

Medialuna californiensis (Steindachner)

53. Scorpaena guttata guttata Girard

Sebastes atrovirens (Jordan & Gilbert) 1 (96)

Sebastes rastrelliger (Jordan & Gilbert)

54. Oxylebius pictus Gill - reported.

55. Leioscottus hirundo Girard - 1 ad. (127.5)

57. Syngnathus californiensis Storer - 2 ads.

59A Lethops connectens Hubbs - 1 hl. gr. 1 (43)

61. Heterostichus rostratus rostratus Girard 2 (36-40)

Otophidium taylori Girard 5 (150-250)

64. Citharichthys stigmaeus Jordan & Gilbert

Pleuronichthys coenosus Girard

Pleuronichthys ritteri 1 (121)

* Gift to Lab Ichthyol. Zool. Inst., Leningrad

David H. Davies:
16 June 1958

Field Data Sheet: Fish-2m-12-55 (B3022s)997

Gift to W. Courtnay, Boston Univ., 2 Nov. 1966.

Nov. 4 Range
Cath. R. J. K. 1958 - Feb 59

S1058-107

8. Sardinops sagax caerulea (Zuaid): 2, partly digested, 1
from gullet of Sebastes atrovirens
- Engraulis mordax mordax Zuaid { Betz left 4 yr sq. gd. circle
150 ft. radius.
Many left digests, → rh
5 in. = 10 ft
many eaten by fish.
45. Paralichthys clathratus (Zuaid)
46. Stenopus hyacinthaceus Hyatt
46. Stenopus lineatus Hyatt
47. Hypoglysson argenteum Willbourn
- Embryon sp.
- Hypomus caryi (Agassiz)
- Phanerodon furcatus Zuaid
- Danileichthys vacea Zuaid
- Rhincochilus torosus Agassiz
- Blechnistius frenatus Willbourn
48. Chirocentrus punctatus (Zuaid)
50. Oxygaster californica (Zuaid)
51. Squilla nigricans (Hyatt)
- Medialuna californiensis (Stendachner)
53. Scorpaena ^{pinnata} pinnata Zuaid
- Sebastes atrovirens (Jordan and Gilbert)
- Sebastes rostelliger (Jordan and Gilbert)
54. Oxycephalus pictus Willbourn - regressed
55. Leiocottus furcatus Zuaid: 1 ad.
57. Syngnathus californiensis Storer: 2 ads.
59. Lethops constrictus Hubbs: 1 hl. g.
61. Heterostichus rostratus rostratus Zuaid
- Otophidium taylori Zuaid
64. Citharus stigmaceus Jordan and Gilbert
- Pleuronichthys coenosus Zuaid
- many seen eating
fish.