

Data copied for UMMZ VIII:1:1960

State or County: CALIFORNIA Field No. H 49-90
 County: San Diego Map: 1
 Locality: La Jolla Shores beach, along Beach Club and Boat Landing (from reef N. about 1/4 mile)
 Lat. N., Long. W.
 Water: clear, salt
 Vegetation: generally little or none, except some floating kelp; much plant debris near reef.
 Bottom: clean sand, in part close to rocks; some trash locally
 Cover: rather thick debris in places Temp: mod.
 Shore: sand beach; locally breakwater Current: slight; 2'-4' breakers
 Dist. offshore: to ca 200 yds Stream width:
 Depth of capture: Depth of water: to about 15 ft.
 Collected by Carl L. Hubbs, Sam Hinton, Herbert Menn, et. al.
 Tide: incoming (day); outgoing (night) Date: VII:6:1949
 Method of capture: ca 400 ft. 1/2" beech seine with 1/4" sq. mesh in boat
 Orig. preserv.: 10% formalin Time: 1230-1530 + 2030-2230 (P.S.T.)

Most fish of size saved alive for exhibit & experiment. Many fish discarded

6. Rhinobatos productus: a few bl. gr., day + night; discarded.

Platyphimnia triseriata: 2 ad., night; for aqu.

Urolophus halleri: 1 ad., night; can for exp.

Gymnura marmorata: 3 bl. gr. → aqu.

8. Eugomphos mordax: 1 transformed, night.

510 yds. fish

40. Atherinops affinis californicus: 5 present

40A Atherinops californicus: a few juv., day; present 1(4B)

(discard) 40 Atherinops affinis littoralis: 11 ads. pres.; typical in color, etc.; a few kept alive; all by day

Sphyræna argentea: 7 juv., ^{49-72 mm} all by day; all present

46(B) Roncador stevensii: 2 sm. ads. → aqu.

46(A) Umbra roncador: about 100 yr. by day

1 spec. to UMMZ about 20 yr. at night; mostly kept alive, 11 preserved, (25-134 mm) - 2 removed for gift

(C) Menticirrhus undulatus: bl. gr. - lg. ad.; sev. by day & sev. by night. → aquaria.

(D) Scorpaenopsis holothur: 40 to ad., nearly all very yr.; migrants 1 yr. by day, few at night; a few larger each time

390 (17-132.5 mm) (over)

46(E) Cynoscion nobilis: 7 yg.

Ray, 45, 59, 61 mm. S.L.; by night, 28, 33, 44, 57 mm. S.L.

Smaller ones have a definite pink cast dorsally; lost in larger ones; also pelvic an deep rusty-red.

47. Hyperoscion argenteum: mod. nos., yg.-ad., night only; kept alive for exp.; none preserved.

Amyxistichus argenteus: 6 (53.5-149) yg.-bl. gr.; few by day, mod. nos. by night; saved alive for exp.

UW 6 ad. 8.477.
II: 12: 1951
KSN.

Micrometrus minimus: sm.-lg ad.; a few pres.; rather few and

48. Chronis punctipinnis: 1 sm. ad., night; → aqu.

51. Sivella nigricans: 1 ad., day, found with

the 2 of S. chilosa, typical; put in A.C.O. aquarium with the others;

behaved alike. One ad. S. nigricans

long in tank (like others with open-

mouth) seemed overcome by 3 new ones

of same large size & did not attempt

to assert dominancy, but did attack the 1 old bl. gr. left in tank; seemingly

assumed dominance in peck order. Sivella chilosa: 2 adults, taken by day

in same same tank with the 1 S. nigricans; all put in tank in 510

aquarium; 1 ran molt; other did

not extrude sex products; in aquarium (watched on VII: 8) behaved like

S. nigricans. New for S.D. area

57. Syngnathus eucroas: 2, day, in tank through much

eucroas plant debris. 1 bl. gr. (developing ♂) purple-black, with

2(160-184) light olive saddle. 1 ad ♀, pale olive yellow, with fine

out. lines ending in spots above & below on side of trunk, + spots cm. behind amp. Counts 19+46+40 D = 105 for bl. gr. 19+48 = 67+43 D = 110. From typical 50 prot. not to be id.

(End)