

25	<i>Benthosema panamense</i>	6(13.5-16.5)
25	<i>Diogenichthys lateratus</i>	99(11.5-26.5)
25	<i>Hydophum atratum</i>	19(13-46)
25	<i>Lampanyctus</i> ^{<i>Nannobranchium</i>} <i>idostigma</i>	59(16.5-87.5)
25	<i>Lampanyctus parvicauda</i>	12(28-71.5)
25	<i>Lepidophanes</i> <i>pyrsebolus</i>	2(28.5-34)
25	<i>Triphoturus m. mexicanus</i>	92(12-60.5)
25	<i>Diaphus pacificus</i>	24(13.5-32.5)
10	<i>Bathophilus filiter</i>	3(59-61)
25	<i>Scopelarchoides richolsi</i>	1(27.2)
10	<i>Diplophos taenia</i>	3(47.5-96.5)
57	<i>Fistularia commersonii</i>	1(47)
26	<i>Taenioconger canabus</i>	2() L
26	<i>Paraconger Cali forniensis</i>	1() M
26	<i>Hildebrandia nitens</i>	1(114) L
26	<i>Ariosoma gilberti</i>	21(70-160) + 2206 JL
26	<i>Hildebrande</i>	3(45)
26	<i>Nemichthys scolopaceus</i>	1(605)
10	<i>Argyropelecus lychnus</i>	3(17-28)
10	<i>Diplophos proximus</i>	2(66.5-96)
10	<i>Diplophos sp.</i>	1(47.5)
25	<i>Lepidophanes longipes</i>	2(28.5-31)
10	<i>Stomias atriventer</i>	12(73-205)
10	<i>Vinciguerrria lucetia</i>	59(13-49)
62	<i>Bregmaceros sp.</i>	4(17-54)
9	<i>Bathylagus stilbicus</i>	1(32)
9	<i>Bathylagus wesethi</i>	4(24-29)
31	<i>Melamphaes spinifer</i>	1(53)
31	<i>Scopelogadus mizolepis bispinosus</i>	25(16-50)
61	<i>Brotula clarkae</i>	1(50)
43	<i>Diplospinus multistriatus</i>	3(28-51)
24	<i>Ophichthidae (lepto.)</i>	8(75-93)
24	<i>Chlopsis bicollaris (lepto.)</i>	1(68)

MV68-I-9 con.

Color descriptions:

Descriptions of 2 species of Prionotus

56. Prionotus xexisima? with prominent rostral knobs and 1st D. spine short (A) differs sharply from one with weakly bifurcate snout and 1st. D. spine longest (B). "A" has only a weak trace at most of yellow cross-bands on lower side, and confined to trunk, whereas "B" has bands very strong on trunk and continued but narrower and increasingly oblique on the urosome, where the bands join with the reddish bands on upper half. In "A" the dorsal has little red and has an oscillated spot between the 4th and 5th spines. In "B" anterior membranes are largely deep red and there is no oscillated spot. Second D. in "A" rather indistinctly marked with pinkish on membranes and bluish on rays, whereas in "B" there are very large red blotches and considerable yellow in the background but not restricted to the rays.

In "A" the caudal is indistinctly marked with pink, gilt and blue-gray, without a posterior margin. In "B" the fin has 2 prominent dusky red bars, a sharp blue-white border and a bluish median cross-band with a whitish center.

(over)

60. Porichthys : very distinct brownish cross bars on a greenish base. Considerable yellow-gilt on gular and posterior belly regions. D. has prominent blackish cross-bar anteriorly and a more or less blackish border behind and a yellowish spot in front.

Probably another species is distinctly more colorful with fine speckling on top of head and dark spots on the top of the head and dark spots or blotches on the narrower cross bars between the sharper and more purplish-brown dark bars.

The commoner type has reticulations on the top of the snout and interorbital region. The more speckled species is much more strongly gilt below.

Speckled species has ~~much more~~ whole lower surface. The more speckled species has a distinctly ^{much more} gilt, redder caudal fin.

The light color at the front of the dorsal is much less distinct in the speckled species and the bar is also less distinct.

Speckled species is apparently
Porichthys margaritatus 7 spec.

Other species is of Porichthys analis type

MV68-I-9.

color notes cont.

60. Callionymus - color a mixture of dark-olive and bluish gray, much brighter in largest specimen which also has much more red in the dorsal saddle. The largest one has the cheeks and the middle of the upper lip orange-red. The largest one has the upper posterior part of the eye deep orange-red. There is a pink speck at the front of the spinous dorsal, a yellowish trailing edge and considerable green and blue.

Photos by McConnaughey - Kodachrome
" " Ghre - Ansco.

State or Country: Baja Calif. Sur, Mexico Field No. 14062-12/664, 1963
County: _____ Map: 14062-12/664, 1963
Locality: Continental shelf, between Punta Banda and Anoye
de la Venolama
Lat. 23° 10.3' N., Long. 109° 23.1' W.
Water: clear, very blue
Vegetation: _____
Bottom: _____
Cover: _____ Temp.: 21.5°C (thermograph)
Shore: largely sandy Current: considerable
Dist. offshore: 4.3 miles Stream width: _____
Depth of capture: bottom Depth of water: ca. 29-147 fath.
Collected by Hulls, W. Ann. McConnaughey & party on R/V Washington
Tide: _____ Date: I: 10:1968
Method of capture: 4.1' Marinovitch semi-buoy otter trawl
Orig. preserv.: _____ Time: 1538- ?

MV68-I-10

Net snagged on bottom. Cable parted
before winch brake could be released.

Col. L. & Anne C. Hulls

State ~~La~~ Country: Baja California Sur, Mexico Field No. —
County: — Map: H0621, 1964 rev. 1968
Locality: mouth, Golfo de California, off Cape region
Lat. 23° 07.2' N N., Long. 109° 27.5' W.
Water: clear and very blue
Vegetation: —
Bottom: —
Cover: — Temp.: surface 22.50° C (thermograph)
Shore: mostly sandy Current: —
Dist. offshore: 2.7 miles Stream width: —
Depth of capture: surface Depth of water: ca. 30 fathoms
Collected by crew member of Thomas Washington on MV68-I cruise
Tide: — Date: I: 10: 1968
Method of capture: hook (rolling)
Orig. preserv.: — Time: 1457 PST

MV 68-I-11

Parasites taken by Mary Hanson Pritchard

42. Coryphaena hippurus: 1 ad.

Sail L. Hubbs

Sail L. Hubbs.