

Complete collection, except for numbers of young animals

State or Country: Baja California Field No. 502
County: Baja Map: 1
Locality: Bahia S. Quintin, on either side of old pier
Lat. _____ N., Long. _____ W.
Water: _____
Vegetation: _____

Bottom: _____
Cover: _____ Temp.: _____
Shore: _____ Current: _____
Dist. offshore: _____ Stream width: _____
Depth of capture: _____ Depth of water: _____

Collected by Carl L. Huber + party
Tide: _____ Date: XI: 6: 1960

Method of capture: 150 ft. nylon seine
Orig. preserv.: 10% form Time: 6:30 TO 8:00 A.M.

5A Siakiopsis semifasciata: 2 lg. yg. (410-445)
6 Siakiopsis halleri: 1 ← see over
6A Siakiopsis californica: sev. lg. yg. ad.
Rhinobatos garraductus: 1 lg. yg. + 1 ad.
→ Urolophus halleri

25 Synodus luciocephalus: 1 yg. + sev. ad.
3A Strongylura exilis: 1 11 (134-530)
27 Fundulus p. parvipinnis: yg. to lg. yg.

40A Atherinopsis californiensis Osburn & Nichols
sonorae: yg. to ad. 269-293
Checked by Carl L. Huber XI: 24: 1960

6 Atherinopsis affinis: littoralis x magdalensae:
Hundreds of yg. - ad. 16- mm.
Many yg. discarded. All checked by Carl L. Huber
(1 1-yr. + 1 2 3 yr. jar) XI: 20: 1960

59A Clevelandia sp.: 10 ad (28-32) live well in fresh
59B Thynnus gilberti: 51 lg. (27-38) water
59C Goniistius y. cauda 13 (19-40) otoliths

64B Paralichthys californicus 45 (10-168)

64A Hyporhamphus guttulata: many yg. + 3 lg. yg. to ad.
Small adult. live well in fresh water.

XI:14:1961

Results of examination of stomach contents of fish specimens from this collection; samples sent in by J. Laurens Barnard of Beaudette Foundation on Nov. 7, 1961. Specimens (except some otoliths) discarded.

23. Strongylura exilis (Ziand) - stomach contents from 5.

"Needlefish #1"

59(A) Quetula y-cauda (Jenkins & Evermann): 1 hl. gr., 34 mm.
Badly digested, but recognizable by large mouth, robust build, trace of color, and otoliths (saved).

"Needlefish #2"

40(B) Atherinops affinis: littoralis x magdalenae: 2 large ygs., 39 and about 55 mm. S.L.; first part of each largely digested.

"Needlefish #3"

40(B) Atherinops affinis: littoralis x magdalenae: 1 large yg.; reconstructed length 55 mm.; anterior parts gone, but rest in good condition.

"Needlefish #4"

40(B-c) Atherinops affinis: littoralis x magdalenae: scales only.

61(A) Paraclinus walkeri (Hubbs): 1 ad., cf. reconstructed length about 50 mm.; represented by largely digested tail end plus part of skull and loose scales; recognized by compressed body with heavy pigment, form of hygurnals, internurals, and otoliths.

"Needlefish #5"

46(A) - Seriophus politus Ayres?: 2 ygs., probably about 15-20 mm. S.L.; provisionally identified from 2 otoliths (to be checked by John E. Fitch); bone fragment of fish bones & flesh.

—? - 1 scale of percoid; very elongate, with few basal radii, and patch of ctenii.

64- From "Cal halibut" [= Paralichthys californicus].

[#1] - 59(A-a) Clevelandia ios (J. & B.) 8 hl. gr. - sm. ad., 22-25 mm.; recognized by slender form, coloration, long jaws, rounded occiput (1 dubious - head only).

[#2] - 59(A-b) Clevelandia ios (J. & B.) 4 hl. gr. - ad., 24-30 mm., nearly whole; 2 of int. size represented by tail region only; very slender, coloration and mouth size typical. Otoliths of smallest one saved.

Sall L. Herbst.

Urolophus, rhabd., 1, 1
Myliobatis californica, 6, 6
Museum 21: IX: 65