

SIOT73-245

State or Country: Michoacán, Mexico, Field No. MV B-E 22Gon: west coastMap: NO 24020, 1971Locality: east-southeasterly from Pta. Telma and Greener, Pta. LizardoLat. 18°(06.7→07.5) N., Long. 102°(56.0→57.3) W.Water: dirty greenish brownVegetation: very littleBottom: very smooth and flat paralleling shore; considerable vegetat.Cover: very littleTemp.: Shore: straight sandy beachCurrent: someDist. offshore: 1.3 naut. milesStream width:

holding 12-12 fm.

Depth of capture: bottomDepth of water: overall, 12-13 fath.Collected by Carl H. Hubbs & party on SIO R/V Alex. Agassizon cruise 73036Date: IV-4-1973Method of capture: 40-foot cotton semiballoon otter trawlOrig. preserv.: 10% buffered form.Time: holding, 1536-1556 hrs.overall, 1533-1602 hrs.

- 3 5-gal. can full
 1 1-gal. plastic jar with specimens handled
 by the parasitologists (identifications
 urgently needed as before). Others added.
 1 small jar with tiny fish.

Cons changed on finishing processing

First Achirus taken (A. *souton* *zebrinus*)

Carl H. Hubbs

6 Urotrygon rogersi aspidurus 3433 (52-190)34 Spherooides Kendalli 1(109)nc→ 34 Spherooides sechurae 1(119)34 Spherooides annulatus 1(170)34 Spherooides angusticeps 1(140)60 Porichthys ephippiatus 1(79)

paratype

34 Spherooides lobatus 5(46-53)36 Prionotus ruscarius 10(19-62)64 Trinectes fonsecensis 1(132)6 Narcine entemebor 1(340)64 Cycloptera guen. 1(233)64 Citharichthys platophrys 72(11-126)

State ~~of~~ Country: ~~off~~ México, Field No. MV B-I-24
Country: southeast of Pta. San Telmo Map: NO 21020, 1971
Locality:

Lat. 17° 55.0' N., Long. 103° 03.0' W.

Water:

Vegetation:

Bottom:

Cover:

Temp.:

Shore:

Current:

Dist. offshore: 15.5 nautical miles

Stream width:

Depth of capture: ~~set on bottom~~

Depth of water: 882 fm (m) GDR

Collected by Carl L. Hubbs & party on SIO R/V Alexander Agassiz

~~Tide~~ on cruise 7303-G

Date: IV: 4: 1971

Method of capture: free-vehicle setline & trap combination*

Orig. preserv.:

Time: 2054-[lost] hrs. MST

* 25 hooks set 1 m. apart vertically, baited with frozen squid; McConnaughey 3-chambered trap baited with mackerel (salashed).

Failed - though the 2 other sets in this series of 3 arose approximately on schedule, this one failed to appear, and eluded us on search near and at some distance. Continued search until 1110 hrs. Loss attributed again to failure of magnesium link to dissolve in the almost complete lack of dissolved oxygen at this date (confirmed by tests see journal notes).
Carl L. Hubbs

~~60~~ *Parichthys ephippiatus* II (48-445)
paratypes

State & Country: México, Field No. MV 71-I-25
County: southeast of Pto. San Telmo Map: NO 21020, 1971
Locality: _____

Lat. 17° 51.0' N, Long. 103° 08.6' W.

Water: _____

Vegetation: _____

Bottom: _____

Cover: _____

Temp.: _____

Shore: _____

Current: _____

Dist. offshore: 20.0 nautical miles Stream width: _____

Depth of capture: set on bottom

Depth of water: 1315 fms

G.D.R.
m

Collected by Carl H. Hubbs & party on SIO R/V Alexander Agassiz

Tide: on cruise 7303-G

Date: IV: 4-5-1973

Method of capture: free-vehicle setline & trap combination*

Orig. preserv.: _____

Time: 2110-0755 hrs. MST

* 25 hooks set 1m apart vertically, baited with frozen squid; McConaughy 3-chambered trap baited with slashed mackerel.

Only 1 bait near trap gone.

Trap contained, in inner (nonremovable) final fine-meshed chamber, 4 medium large amphipods seemingly of the species common off outer coast of Baja California (and in Chile, in opinion of Richard S. Lee), plus a fair series of small amphipods.

Carl H. Hubbs.

State & Country: off Mexico Field No. MV-71-I-26
~~Colony~~ southeast from Pt. San Telmo Map: NO 21020, 1971
Locality: _____
Lat. 17° 48.8' N., Long. 103° 09.7' W.
Water: _____
Vegetation: _____
Bottom: _____
Cover: _____ Temp.: _____
Shore: _____ Current: _____
Dist. offshore: 23.5 naut. miles Stream width: _____
Depth of capture: set on bottom Depth of water: 1577 fms ^{m fms}
Collected by Carl L. Hubbs & party on SIOR/V Alexander Agassiz
~~Tide~~ on cruise 7303-G Date: 14:4-5:1973
Method of capture: free-vehicle set-line & trap combination *
Orig. preserv.: _____ Time: 2206-0815 hrs MST

* 25 hooks set 1 m. apart vertically, baited with
frozen squid; ~~2 chambered traps~~
~~baited with~~ 2 plastic minnow traps in
tandem, baited with slashed mackerel.
No indication any bait or settline was touched.
The traps contained 5 amphipods, mostly
apparently of species taken in set 25.

Carl L. Hubbs