

Bay of California, Mexico
State & Country: Guadalupe Is. Field No. 51057-41
County: _____ Map: H01688 VI, 1957
Locality: Guadalupe Id., off northern part of W. shore
From: Lat. 28° 58.5' N., Long. 118° 21.3' W.
Water: blue, clear To: 28° 51.8' 118° 21.0'
Vegetation: Cover of hard 178' trees

Bottom: _____
Cover: _____ Temp.: ships thermometer 16.5-17.0°
Shore: steep, rocky Current: _____
Dist. offshore: 1.8-3.6 naut. miles Stream width: _____
Depth of capture: 0-250 fms. (est.) Depth of water: ca. 500-600 fms.
Collected by C.L. Hubbs & Party on "Paline"
Tide: _____ ? That is a "9" Date: 9 Feb. 1957
Method of capture: I-K midwater trawl - 10 ft. (non-closing)
Orig. preserv.: 10% + formalin buffer Time: 1820 - ca 2300
(trawl down, 1900-2135)

Eyes on right side to Fred. Munz, for visual pigment analysis - larva angustus mexicanus, Stenopteryx aciphanus + larvae?

1. 1-gal. + 1 2.5 gal. jar + 5 small jars - Pycnosoma
very abundant Cat. 295. of larvae and Frederick Munz
(Brown crayfish). Suppl. by Robt. L. Wilson &
Carl H. Hubbs, spec. by Capt. Lawrence E. Davis

Sagaminthys abei Parr

8A 7y₄-Ad (17-83mm.)
As S. bilineata sp. nov. except that enlarged premax. teeth much less prominent (this is more apparent in the adult specimens (83mm) than in some of the juveniles); presence of mandibular and orbital photophores (absent in the largest specimen, however, why?); an allomorph of this species.

9. Pathylagus wesethi Balin 2y₄-Ad (23-51)

10. Argyropelecus affinis Garman 4y₄-Ad (17-58)

10 A. heathi Gilbert intermedius 1HG (18)

Cyclothone acclinidens Garman 268y₄-Ad (11-48)

Practically, young and half-grown specimens;
relatively few adults.

(10 cont'd over) Over

- 510-57-41 (cont.)
- 10 Cyclothone pseudopallida 6 (25-31.5)
- 10 Cyclothone signata Garman 260 Yg-Ad (15.5-34)
Predominantly adult specimens.
- 10 Danaphos oculatus (Garman) 1 Ad (36)
- Idiacanthus antrostomus Gilbert 2 Yg-Ad (97-265)
- Sternoptyx obscura Garman 3 Yg-HG (10-24.5)
- 10A Stomias atriventer Garman 4 Ad (210-228)
25. Ceratospelus townsendi (Eig. and Eig.) 1 Yg (21)
- Lampanyctus ~~festinus~~ ^{ritteri} Gilbert 6 Yg-HG (23-56)
Adult: fide R. Bolin in litt. (24-35)
- L. mexicanus (Gilbert) 226 Yg-Ad (19-62)
- 25 Myctophum affine ^{nitidulum} (Lütken) 2 Ad (42-46)
- 25 Symbolophorus
californiensis (Eig and Eig.) 1 HG (23)
- Gnathophis catalinensis 2 (70, 75)
Small series
26. leptocephalus eel larvae
~~26. Lepto. of Aluochromis catalinensis~~
Gift to Mr Gareth J. Nelson, Univ. of Hawaii
- Serrivomer sector Garman 2 Ad (510-525)
- 31A Metamphaes ~~Scopelopodus~~ bispinosus (Gilbert) 25 HG-Ad (44-79)
64. Citharichthys xanthostigma Gilbert 1 PL (20)
Ident. fide E. Aultman.

Alfred W. Shelving
I: 6: 1958

26 Nemichthyidae (lepto.) 1 (226)

Trawl # 1
51057-41
Paulina T. Guadalupe Is. Cruise
8-15: II: 57

9:17:57

1820 Trawl in

1900 trawl down. 1500M. wire out.

1940 \times 75° = ca 245 fms.

2125 \times 70° = 280 fms.

2135 Start up. 1st 15 minutes of
retrieval was sporadic due to wire
traveling back and forth over the
stern roller. Snatch blocks used to
hold wire steady.

[R. L. Wilman]

Data from Capt Lawrence E. Davis:

Launched @ $28^{\circ}58.5'$ North $118^{\circ}21.3'$ West

Retrieved @ $28^{\circ}51.5'$ North $118^{\circ}21.0'$ West

Course of haul 178° True

← may be from Capt. when
51.8'

Trawl # one