

State Country: México Field No. S1057-182

County: Baja Calif Norte Map: 1

Locality: Off NE shore of Guadalupe Island

Trawling start Lat 28° 52' 30" N, Long 118° 12' 07" W

Water: clear, cool Down 25 53 55" N, Long 118° 11' 40" W

Vegetation: none Start up 29 00 27" N, Long 118° 09' 41" W
Trawl to 29 03 20" N, Long 118° 08' 50" W

Bottom: _____

Cover: none Temp: 19.67°C (at 0520hr)

Shore: rocky Current: very little

Dist. offshore: 2-4 naut. miles Stream width: _____

Depth of capture: surf 212-215 fath. Depth of water: ab 700 - 1200 fath. (charts)

Collected by Carl L. Hess + party on R/V "Orca"

Trawling started by Allen J. Storer Date: 25:1957

Method of capture: 6' beam trawl

Orig. preserv.: 10% formal + borax Time: 0245 - 0725
(net down 0315 - 0615)

Rough field identifications All saved

9. Leuroglossis albus: 2 post-larval (Photo an error)

10. Somostomatid: 1, prob. post-larval with photophores
few and texture resembling Cyclothone signata

Cyclothone signata: very numerous

" acclinidens: few

10A. Vinciguerrina sp. 2(15)

Maurolicus (?): sev. post-larval to W. gr.

Argyropleurus: series, post-larval to ad

25. Micropodid: 1 ad very large eye

" : 1 bl. gr.

Sampangethis mexicana: series

" regalis? : 1 ad

31A Scopelogadus mizolepis → 4(47-83)

Melamphajus, biannosus: sev. bl. gr. - ad

Melamphajus, lugubris 1(25.1)

65. Ceratiid (Oneroides ?): 1 very small but perfectly formed.

Carl L. Hess (with loan C. Hess)
Trawling done by Allen J. Storer

(over)

Fishing with light

I tried fishing with light during the hauling operation, putting the light over at 0235 when boat was proceeding at $3\frac{1}{2}$ kts. (speed during trawling about 3 kts). Myctophids were few, scattered singly. Several were gotten into dip-net but this was so shallow that all escaped.

Carl L. Hubbs.

S10-57-185

10A Argyrolepelecus affinis Garman 17 yq. Ad (20-57)
to UBC, exchange, I: 31'62

10 A. heathi Gilbert ~~intermedius~~ 2 HG-Ad (14-22)

A. lychnus Garman 1 yq (13)

10 Cyclothone acclinidens Garman 139 yq. HG (12-30)

C. signata Garman 404 yq-Ad (15-33)

10 Danaphos. oculus (Garman) 2 HG-Ad (7-26)

Stomias atriventer Garman 1 yq (31)

10 Vinciguerria lucetia (Garman) ~~1 yq. Ad~~ (15-27)

(Gonostomatinae)? 2 PL (15)

25. Ceratospopelus townsendi (Eig. & Eig.) 4 yq. Ad (20-49)
One specimen (20 mm.) with 2 lenses in right eye.

Lampanyctus mexicanus (Gilbert) 44 yq. Ad (18-44)

L. ritteri Gilbert 1 Ad (100)

Scopelogadus mizolepis

31A Melamphaes bispinosus (Gilbert) 4 HG-Ad (47-83)

M. sp. Melamphaes lugubris 1 (26)

65. Oneirodes acanthias (Gilbert) 1 yq ♀ (14.5)
Alfred W. Chelms. II: 14-59

Trawl #1

S1057-
185

28: X: 57

MV ORCA

Bottom 600-800 fm

Surface temp. 19.67 °C 0520 3 kts. Course 017°

Start down - 0243

Trawl down - 0315

Wire out - 4000 ft

Time wire ~~(ft)~~ Depthftfm

0315 - 65°

0400 17°57' 1273 ft 212

0430 17°57' 1273 ft 212

0500 18°47' 1288 ft 215

0530 18°47' 1288 ft 215

0610 18°47' 1288 215

Start up - 0615

Net out ~~0722~~ 0727Trawl down 4000 at 28-53.0 N
118-13.5 W

Position when trawl started down:

28-51.5 N

118-14.0 W

Weather - Dead calm

Sea - flat - glassy

Speed 3 knots - dead slow.

One engine, Course 017° T.

ALLAN J. STOVER

X: 28: 1957

Position
29° 52' 55" N, 118° 17' 35" W.
(Chart H.O. 1689, -1956)

Exploration of Roca Bargoyle, Guadalupe
Is. by Hubbs and Flechaig for petrels.

Almost the entire island gone over as
thoroughly as on previous occasions. The
active nest sights found and serially
numbered:

1. Downy yg. almost ready to leave nest,
white index (1); in crevice under loose
rocks. Specimen saved.
2. Chick with flight feathers about 1/2
developed; (2); in one corner of a large
hollow. Specimen not saved.
3. 1 petrel too far back in narrow crevice
to catch or diagnose.
4. One adult petrel in hole; was barely
able to touch, could not see index.
5. One ad. petrel in hole in small gravel
slide under boulders. Low (4). Saved.
6. One ad. petrel in vertical crack, covered
by fallen rocks. Strong (3). Saved.
7. One ad. petrel deep in crevice, behind
No. 6 about 3 ft.; presumably another
nest sight but possibly one of same
pair frightened back; could not
reach but could see tail region
with much white; apparently Index (3).
8. Pair of petrels at end of cave, about
6 ft. back. Crevice just too narrow
for passage by us; tail coverts of
one in full view with flesh light
Index (5) over

9. One ad. petrel in deep crevice, within reach at first when Flechsig estimated white at least (3), but before I arrived it had retreated out of reach.
10. A pair of ad. petrels, each about 15" in a hole barely wide enough for hands. Both caught, each (3).

The flash light was very useful but we each regretted not having some instrument like a placental forceps which should be brought on next trips.