

State & Country: Baja California, Mexico Field No. SIO 67-48

County: Map: HO 5154 1st ed, 1966

Locality: SW of San Diego, westerly of Ensenada

Approx. Lat. 31° 29'

N., Long. 118° 01' W.

Water: very clear & blue

Vegetation:

Bottom:

16.1-16.6 (concreted)

Cover:

Surface Temp.: ~~14.5~~ 15.0 °C (Thermograph)

Shore:

rocky

Current:

Dist. offshore: 67 naut. miles

Stream width:

Depth of capture:

bottom

Depth of water: 690 fathoms (GDR)

Collected by SIO exp. MV 67-IA Hubbs, Wisner, McConnaughey,

Tide: and party (see list before MV 67-IA-1 Date: IV:20-21:1967

Method of capture: Free vehicle set line; vertical; 15-gal. bagfish trap

Orig. preserv.: frozen (Coryph.) Time: 2025-0900 PST

dry (" otoliths)

MV 67-IA-3

on R/V Thomas Washington

McConnaughey in charge of operation.

For list of party see sheet before

MV 67-IA-1.

Nothing in bagfish trap (15-gal. can; baited with bonito. Line (with 30 hooks) about 100 m. long

54 Anoplopoma fimbria: 4 large adults in

hooks 9, 15, 22, and 23 from top, out of 30 ~~hooks~~. From one stomach a very large decalcified vertebra (saved).

62. Coryphaenoides acrolepis: 17 adults, some very large, on hooks 1, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 19, 21, 24, 27, and 28 from top, of 30.

Gas samples from 5 on a time series saved by Everett L. Douglas.

Only 3 preserved (frozen).

54

Otoliths (and length) taken on 1 Anoplopoma ad. ♀ 618 mm. SL. No other otoliths found. 3 others all ad. ♀s, 646, 666, and 691 mm.

(the 1 otolith & voided)

62

Otoliths taken from Coryphaenoides (list on reverse)

(over)

Paul H. Hubbs.

(over) MV 67-14-3 (cont.)

Dr. Mary Hanson Butchard worked
following for parasites:

62 Coryphaenoides acrolepis - 3 ads.

Cinglozoma fimbria - viscera
from all 4 (adults).

Otoliths saved from Coryphaenoides
acrolepis, to check apparent variability,
as follows:

Length to C

506 ♂

531 ♂

591 ♀

628 ? ~~g~~ovisinated by ~~balls~~ balloons

644 ? " " "

651 ♂

663 ♀

666 ~~♂~~ ♀

667 ♂

679 ♀

682 ? (gonads missing)

688 ♂

722 ♂

Fails to confirm observations on recent
trip that indicated ♂s mature very
small and large individuals are ♀s.
Check species Carl L. Hobb