

State or Country: Baja California Norte Field No. S10 65-86

County: Map: 1

Locality: 2.8 mi. N of Puertecitos, on shore of Golfo de California.

Lat. N., Long. W.

Water:

Vegetation:

Bottom: on sand beach between waves

Cover:

Temp.:

Shore: on 20° course sand beach Current:

Dist. offshore:

Stream width:

Depth of capture:

Depth of water:

Collected by James R. Lance and Fay Wolfson

Tide:

Date: III: 20: 1965

Method of capture: hand

Orig. preserv.: ~~isopropanol~~ alc. Time: 1625 PST

III: 2: 1965

"Tide had turned approx. 1555 PST. Spawning run heavy and general over at least 3 1/2 mi area of beach. J. Lance & F. Wolfson."

40(A) Lewerthes sardina (Jenkins and Evermann) + eggs & larvae (137-171)*
7 breeding adults.

Specimens brought in by Lance.
Gail L. Hubbs.

* Fertilized eggs collected in damp sand at same time & place that above adults were taken; part of sand-&-egg sample placed in dish of sea water & swirled a few times on 3 April 1965; this caused hatching; repeat of this procedure on 4 April 1965 again caused hatching & part of these larvae were preserved as sample included here with adults.

Hatched young from 5 minutes to 25 days old in separate bottle. From same collection of eggs.