



**Establishment and Operation of a Regional System of
Fisheries *Refugia* in the South China Sea and Gulf of Thailand**

REPORT

**DATA ANALYSIS OF FISH LARVAE COLLECTION
DURING OCTOBER-DECEMBER 2019 IN KOH KONG**

**KOH KONG, CAMBODIA
OCTOBER – DECEMBER 2019**

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1. Objective

- 1) To analyze the data of sampling fish larvae collection in Koh Kong from October to December 2019, funded by SEAFDEC/UNEP/GEF Fisheries *Refugia* Project in Cambodia.

2. Involved Person

- 2) This work is implemented by marine fisheries research and development institute naming Dr. Chea Tharith and Mr. Lang Sin, collaborating with staff from Department of Fisheries Conservation to do that job (see annex 1 and 2).

3. Methodology

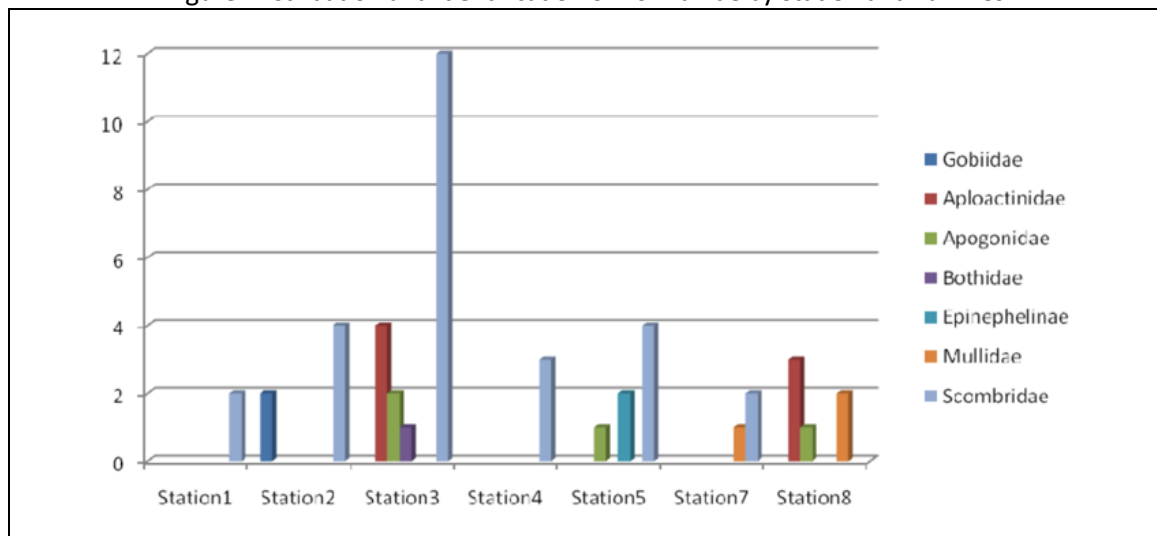
- 3) The monitoring marine fish larvae have been conducted in Koh Kong province from October to December 2019 in 8 stations (St1-St8), including 4 stations at Peam Krasob, 2 stations at Chroy Pros, and other 2 at Koh Yor. The samples were collected by using bongo net with 1 m diameter and the length of 5.5 meters with a mesh size 500µm. Sampling 2 times per station is applied to collect fish larvae from each station.

4. Results

- 4) Sampling fish larvae harvested from October to December 2019 in Koh Kong shown the total fish larvae 46 individuals belonging to 7 families are identified in 7 stations (St1, St2, St3, St4, St5, St7 and St8). Scombridae (*Rastrelliger sp.*) occurred at St1, St2, St3, St4, St5, St7 but the most abundant of *Rastrelliger sp.* in station 3 collecting 19 individuals.

Families	Station 1	Station 2	Station 3	Station 4	Station 5	Station 7	Station 8	Total
Gobiidae		2						2
Aploactinidae			4				3	7
Apogonidae			2		1		1	4
Bothidae			1					1
Epinephelinae					2			2
Mullidae						1	2	3
Scombridae	2	4	12	3	4	2		27
Grand Total								46

Figure: Distribution and Identification of Fish Larvae by Station and Families



Annex 1

Participants' Photo in the process of data analysis of fish larvae collection in October to December 2019 in Koh Kong

