**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 IN KOH KONG DURING JANUARY – FEBRUARY 2019

KOH KONG, CAMBODIA
MARCH 2019

Prepared by
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Southeast Asian Fisheries Development Center **United Nations Environment** **Global Environment Facility**

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1. Objective

1) To analyze the data of sample fish larvae collection in Koh Kong under support SEAFDEC/UNEP/GEF Fisheries *Refugia* Project in Cambodia.

2. Involved Person

2) This work is made by marine fisheries research and development institute, including Dr. Chea Tharith and Lang Sin, which is main person in this job and collaborating with staff from Department of Fisheries Conservation   (see annex 1 and 2).
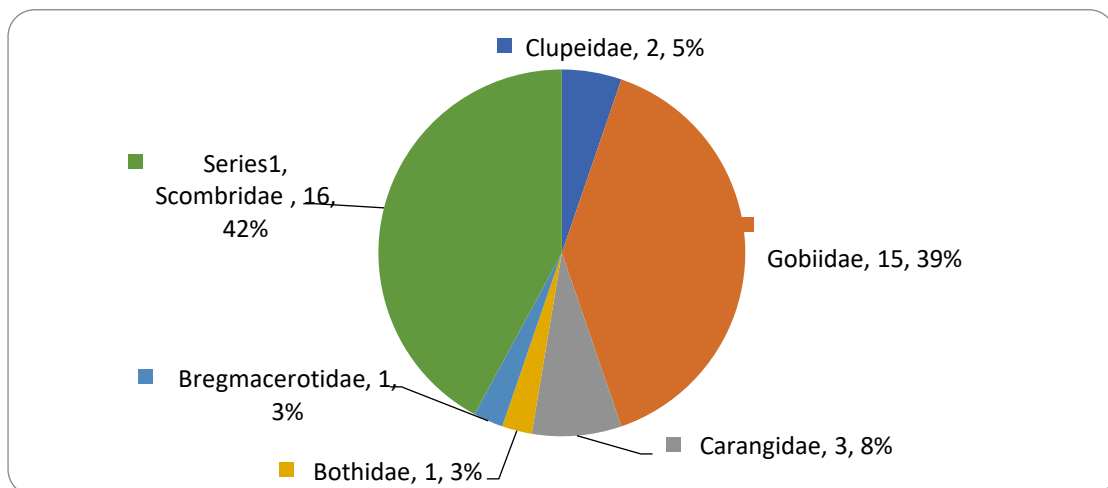
3. Results

3) The monitoring of marine fish larvae conducted in Kong Kong province from January to February 2019 in 8 stations (St1-St8). Samples were collected by bongo net with 40 cm diameter and a mesh size 500µm. Sampling 2 times per day each station in the morning and evening. Bongo net set down 7 m depth from the water surface. Fish larvae samples removed from the cod-end of the net and preserved in 8% formalin then transport to laboratory. A total of 38 fish larvae were identified belonging to 6 families. Scombridae 42% was the most abundant families in samples followed by Gobiidae 39%, Carangidae 8%, Clupeidae 5%, Bothidae and Bregmacerotidae each family 3%.

4) Number of individual fish larvae by families in each station

Families	Statio-1	Station2	Station3	Station4	Station5	Station6	Station7	Station8	Total
Clupeidae	1			1					2
Gobiidae					13			2	15
Carangidae					3				3
Bothidae					1				1
Bregmacerotidae					1				1
Scombridae		1	14				1		16
Total									38

Species composition by families

Annex 1
Photographs in the process of data analysis of fish larvae collection in March in Koh Kong