



**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 OF SCOMBRIDAE FAMILY IN
KOH KONG PROVINCE FROM MARCH TO SEPTEMBER 2019**

**KOH KONG, CAMBODIA
MARCH – SEPTEMBER 2019**

Prepared by
FISHERIES ADMINISTRATION, CAMBODIA

**SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER
TRAINING DEPARTMENT**



Southeast Asian Fisheries
Development Center



United Nations
Environment



Global Environment
Facility

First published in Phrasamutchedi, Samut Prakan, Thailand in September 2019 by the SEAFDEC-UNEP-GEF Fisheries Refugia Project, Training Department of the Southeast Asian Fisheries Development Center

Copyright © 2019, SEAFDEC-UNEP-GEF Fisheries *Refugia* Project

This publication may be reproduced in whole or in part and in any form for educational or non-profit purposes without special permission from the copyright holder provided acknowledgement of the source is made. The SEAFDEC-UNEP-GEF Fisheries *Refugia* Project would appreciate receiving a copy of any publication that uses this publication as a source.

No use of this publication may be made for resale or for any other commercial purpose without prior permission in writing from the SEAFDEC Secretary-General at.

Southeast Asian Fisheries Development Center
Training Department
P.O.Box 97, Phrasamutchedi, Samut Prakan, Thailand
Tel: (66) 2 425 6100
Fax: (66) 2 425 6110
<https://fisheries-refugia.org> and
<https://seafdec.or.th>

DISCLAIMER:

The contents of this report do not necessarily reflect the views and policies of the Southeast Asian Fisheries Development Center, the United Nations Environment Programme, and the Global Environment Facility.

For citation purposes this document may be cited as:

FIA/Cambodia, 2019. Establishment and Operation of a Regional System of Fisheries Refugia in the South China Sea and Gulf of Thailand, Report of Data Analysis of Fish Larvae of Scombridae Family in Koh Kong Province from March to September 2019. Southeast Asian Fisheries Development Center, Training Department, Samut Prakan, Thailand; FR/REP/CAM54, 4 p.

1. Objective

- 1) To analyze the data of sampling fish larvae collection in Koh Kong from March to September 2019 focusing on Scombridae family, funded by SEAFDEC/UNEP/GEF Fisheries *Refugia* Project in Cambodia.

2. Involved Person

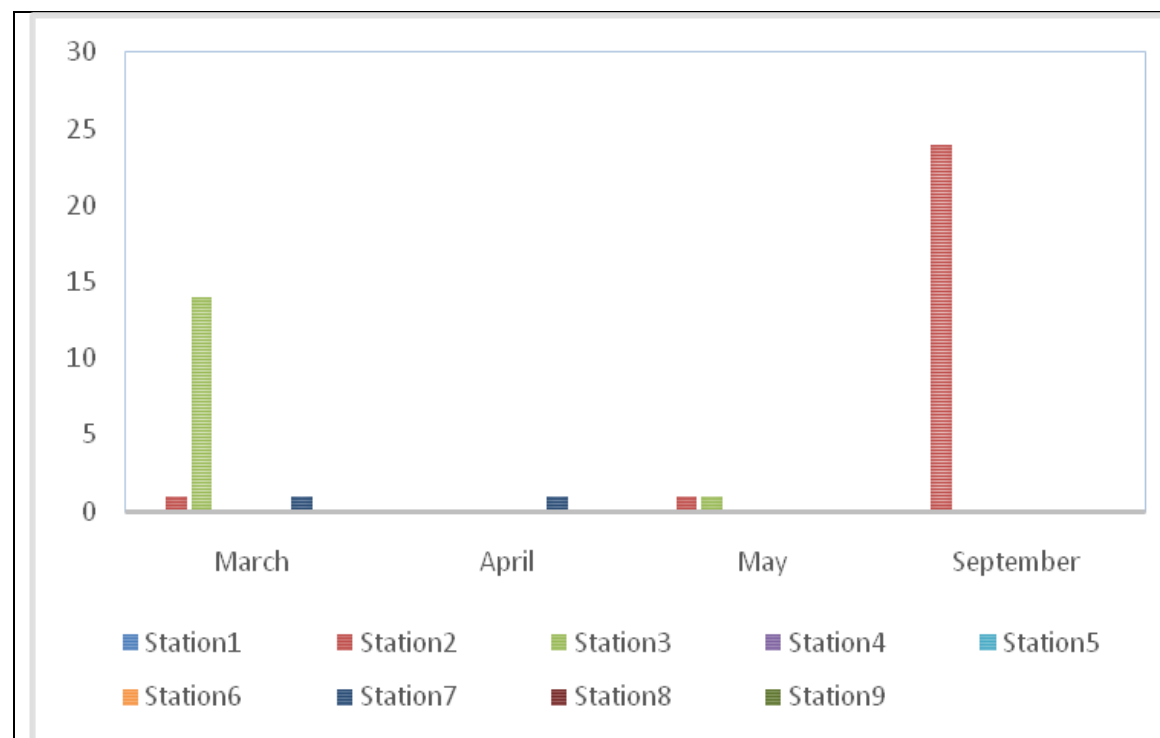
- 2) This work is implemented by marine fisheries research and development institute naming Dr. Chea Tharith and Mr. Lang Sin, collaborating with staff from Department of Fisheries Conservation to do that job (see annex 1 and 2).

3. Methodology

- 3) The monitoring of marine fish larvae conducted in Koh Kong province from March to September 2019 in 8 stations (St1-St8). Samples were collected by using bongo net with 1 cm diameter and the length of 5.5 meters with a mesh size 500 μ m. Sampling 2 times per station is applied to collect fish larvae from each station.

4. Results

- 4) The result shown that fish larvae of Mackerel (Scombridae) occurred in March at station 2 (1 individual), station 3 (14 individuals) and station 7 (1 individual). In April it occurred in station 7 (1 individual), in May it occurred in station 2 and 3 each station (1 individual), in September fish larvae of Mackerel greatly occurred in station 2 (24 individuals). Based on the above result, it is indicated that the first spawning period of Mackerel started from March to May and the second spawning period in September.



Annex 1

Participants' Photo in the process of data analysis of fish larvae collection in March in Koh Kong

