FIELD PRACTICE REPORT ON THE FRY PRODUCTION OF MILKFISH (*Chanos chanos)* IN SANAR MARKETING LOCATED IN PUROK 1, SITIO UMBA, BARANGAY BACAY, DUMANGAS, ILOILO

LEA MAY P. ROQUE

Department of Aquatic Resources, Ecology and Management
COLLEGE OF FISHERIES
CENTRAL LUZON STATE UNIVERSITY
Science City of Munoz, Nueva Ecija

2018

FIELD PRACTICE REPORT ON THE FRY PRODUCTION OF MILKFISH (*Chanos chanos*) IN SANAR MARKETING LOCATED IN PUROK 1, SITIO UMBA, BARANGAY BACAY, DUMANGAS, ILOILO

by

LEA MAY P. ROQUE

Undergraduate Field Practice Report presented to the faculty of College of Fisheries, Central Luzon State University in partial fulfillment of requirements for the degree

of

BACHELOR OF SCIENCE IN FISHERIES

Approved:

JANET O. SATURNO
Adviser

JOSE S. ABUCAY
Critic

JANET O. SATURNO
Department Chairperson

CLAIRE SAMANTHA T. JUANICO
Field Practice Coordinator

Accepted:

RAVELINA R. VELASCO
Acting Dean

Department of Aquatic Post Harvest
COLLEGE OF FISHERIES
Central Luzon State University
Science City of Muñoz, Nueva Ecija
Philippines

2018

Bibliography Data

Personal Data

Name	Lea May P. Roque
Birthday	August 03, 1994
Birth Place	Science City of Muñoz
Address	Villa Javier, Bantug Science City of muñoz, Nueva Ecija
Parents	Mr. Gregorio V. Roque Jr. Mrs. Florida P. Roque

Educational Attainment

Elementary	Bantug Elementary School Barangay, Bantug Science City of Muñoz, Nueva Ecija
Secondary	Muñoz National High School Science City of Muñoz, Nueva Ecija
Tertiary	Central Luzon State University Science City of Muñoz, Nueva Ecija

ACKOWLEDGEMENT

The author would like to express her sincerest gratitude to those who helped her to make this narrative report possible.

The author would like to thank God for making every day of the author's life blessed through his guidance. Thank you for the strength, love, caring, blessings, and provisions.

To Prof. Janet O. Saturno, her adviser and Dr. Jose S. Abucay, her critic for their support; guidance and suggestion in making this report informative and knowledgeable.

To all faculty and staff members especially to, Dr. Emmanuel M. Vera Cruz, Dr. Remedios B. Bolivar, Dr. Apolinario V. Yambot, Dr. Tereso A. Abella, Dr. Karl Marx A. Quiazon, Prof Rodora M. Bartolome, Prof. Alvin T. Reyes for giving their constructive criticism for the improvement of the paper.

To Ms. Claire Samantha T. Juanico, the Field Practice Coordinator, for sharing her knowledge and research expertise.

To all the staff Sanar Marketing for sharing their knowledge and experiences with the author during her OJT.

Great thanks to her parents Mr. Gregorio V. Roque Jr. and Florida Ped Roque, for being supportiveness and her sister Learni Roque and her brother Leoneal Roque, for their love, and inspiration. For the memorable joy during her field practice together with Ailene, jenica, Joymee, Aprilyn and Cherina.

To her friendship for being could always come to, for inspiration and for giving her courage to keep on moving.

LEA MAY P. ROQUE

TABLE OF CONTENTS

LIST OF APPENDIX TABLE

LIST OF APPENDIX FIGURE

FIELD PRACTICE REPORT ON THE GROW OUT OF MILK FISH (*Chanos chanos*) IN SANAR MARKETING FARM IN PUROK 1, SITIO UMBA, BARANGAY BACAY, DUMANGAS, ILOILO

EXECUTIVE SUMMARY

Field practice was undertaken at the Sanar Marketing in Purok 1, Sitio Umba, Barangay Bacay, Dumangas, Iloilo from April 21, 2014- May 23, 2014.

The farm was devoted for the production of milkfish and tilapia in earthen ponds. The production pond area of Sanar Marketing is 930,000 m^2 and divided into nursery ponds (90,000 m^2), grow-out ponds (450,000 m^2) and transition ponds (390,000 m^2).

This report focuses on the production of milkfish fry. Activities undertaken include pond preparation, acclimatization, stocking, feeding, harvesting, packing and water parameter analysis.

Strengths and weaknesses of the farm were evaluated and suggestions to overcome the weaknesses were also provided in this report.

[1/] Undergraduate Field Practice Report presented in partial fulfillment of the requirements for the degree of Bachelor of Science in Fisheries. Prepared at the Aquatic Post Harvest, College of Fisheries, Central Luzon State University under the supervision of Prof. Janet O Saturno.

REFERENCES

Bagarinao, T.U. 1991. Biology of milkfish (*Chanos chanos* Forsskal). Iloilo: Southeast Asian Fisheries Development Center. 105 pp.

Bagarinao, T. and S. Kumagai. 1987. Occurrence and distribution of milkfish larvae, *Chanos chanos* off the western coast of Panay Island, Philippines in the Visayas, 77 pp.

Banno, J.E.,1980. The food feeding habits of the milkfish fry *Chanoschanos* (Forsskal) collected from two habitats along the coast of Hamtok, Antique. M. Sc. Thesis, University of the Philippines in the Visayas.77pp.

Buri, P., V. Banada and . Trino. 1981. Devopment and ecological stages in the life history of milkfish *Chanos chanos* (F.). Fish. Res. J. Philipp., 6(2):33-58.

Kumagai S. 1984. The ecological aspects of milkfish fry occurrence, particularly in the Philippines. Pages 53-68 in J.V. Juario, R. P. Ferraries and L. V. Benitesz, eds. Advances in milkfish biology and culture. Island Publ. House, Manila.

Kumagai S. and T. U. Bagarinao. 1981. Studies on the habitat and food of juvenile milkfish in the wild. Fish Res. J. Philipp., 6: 1-10.

Kumagai S., T. Bagarinao and A. Unggui. 1985. Growth of juvenile milkfish *chanos* in the natural habitat. Mar. Ecol. Prog. Ser., 22: 1-6.

Senta, T. and A. Hirai. 1981. Seasonal occurrence of milkfish fry at Tanegashima and Yakushima in southern Japan. J. Ichthyol., 28:45-51.

Senta, T., S. Kumagai and N.M Castillo. 1980. Occurrence of milkfish, *Chanos chanos* (Forsskal) eggs around Panay Island, Philippines, Bull. Fac. Fish. Nagasaki Univ., 48:1-11.

Taki, Y., H. Kohno and S. Hara. 1987. Morphological aspects of the development of swimming and feeding functions in the milkfish *Chanos chanos*. Japan. J. Ichthyol., 34. 198-280.