

**FIELD PRACTICE REPORT ON METHODS OF SEA CUCUMBER (*Holothuria
scabra*) HATCHERY AT THE BUREAU OF FISHERIES AND AQUATIC
RESOURCES- GUIUAN MARINE FISHERIES DEVELOPMENT
CENTER GUIUAN, EASTERN SAMAR**

By

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MA. REINALYN VITALES TERCIAS

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

of

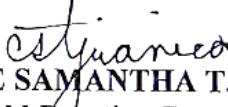
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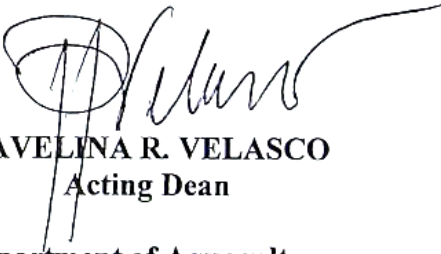

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MA. REINALYN VITALES TERCIAS

TABLE OF CONTENTS

	<u>Page</u>
LIST OF APPENDIX TABLES	viii
LIST OF FIGURES	ix
EXECUTIVE SUMMARY	xi
BACKGROUND OF THE PLACE OF FIELD PRACTICE	
Nature of the Field Practice	1
Location and Description of the farm	1
Organization and Management of the Farm	2
Cultured Species	3
Biology of Sea Cucumber	5
Reproduction	6
Habitat and Feeding Habits	6
Distribution	6
ACTIVITIES UNDERTAKEN	
Broodstock Management	7
Induced Spawning	7
Collection and Mixing of Gametes	10
Counting of Fertilized Eggs	11
Stocking in Tanks	12
Hatching	12
Larval Management	12
Coating of Corrugated Plastic with <i>Spirulina</i>	15
Fertilizer Formulation	16
Mass Culture of Natural Food	17
Harvesting of Juvenile in Tanks and Stocking in Hapas	18
Sampling of Juveniles	18
OTHER ACTIVITIES	
In- situ Induced Spawning of <i>Tridacna gigas</i>	20
Grafting of Pearl Oyster	20
Abalone Sampling	21
STRENGTHS AND WEAKNESSES OF THE FARM	
Strengths of the Sea Cucumber Hatchery	22
Weaknesses of the Sea Cucumber Hatchery	23

REFERENCES	25
APPENDICES	26

LIST OF APPENDIX TABLES

<u>Table No.</u>	<u>Title</u>	<u>Page</u>
1	List of Daily Activities during the OJT	27

19	Disinfectant (PUR) used for mass culture of natural food	18
20	Sampling of sea cucumber juvenile	19
21	Nuclei insertion in pearl oyster	21
22	Abalone sampling	21

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EXECUTIVE SUMMARY

The field practice held at the Bureau of Fisheries and Aquatic Resources - Guiuan Marine Fisheries Development Center commenced on June 18, 2016 and ended on July 23, 2016. The station is headed by Ms. Nonita S. Cabacaba. The trainee was assigned to the sea cucumber hatchery managed by Mr. David N. Cosmiano together with the help of his staff, Mr. Roy Francis Abuda, Ms. Angelica Ogaya and Mr. Teodoro Pajerlan. The objective of the hatchery was to increase the population of sea cucumber in the wild.

The trainee was able to participate in the various tasks of the hatchery. These activities included broodstock management, induced spawning, collection and mixing, counting of fertilized eggs, hatching, larval management, fertilizer formulation, inoculation of natural food, coating corrugated plastic with *Spirulina*, harvesting, stocking, and sampling of juveniles. Other activities done by the trainee involved in-situ induced spawning of *Tridacna gigas* and grafting of pearl oysters.

During her field practice, the trainee was able to assess the strengths and weaknesses of the hatchery. Her assessment of the hatchery's strengths includes sufficient facilities and complete materials, nearby source of sea water, and intensive research on the cultured organisms conducted in the hatchery. On the other hand, her assessment of the hatchery's weaknesses includes problems on the current location, insufficient source of freshwater, and source of inoculant used for mass culture of natural food.

Undergraduate Field Practice Report presented in partial fulfilment of the requirements for graduation with the degree of Bachelor of Science in Fisheries. Prepared at the Department of Aquaculture, College of Fisheries, Central Luzon State University under the supervision of Dr. Apolinario V. Yambot.

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