



Republic of the Philippines

DAVAO DEL NORTE STATE COLLEGE (DNSC)

New Visayas, Panabo City, Davao del Norte, Philippines 8105

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Issue Status	: 02
Revision No.	: 00
Date Effective:	
	30 June 2018
Approved by:	President

NARRATIVE REPORT

I. Title of the Activities

Training on Museum Management

II. Project Title (to specify the project title)

Quality and Excellence in Marine Biology and Fisheries Program through Local and International Collaboration.

III. Date

November 16-17, 2018

IV. Venue

Science Building, Davao del Norte State College

V. Implementers/ Coordinators

Girley S. Gumanao, Project Leader/REP Director
 Jesebel R. Besas, Co-project Leader/IAAS Dean
 Lord Martino S. Mondigo, Training Coordinator
 Rosie Lynn P. Tejada, Project Team Member
 Christine Mae A. Edullantes, Project Team Member
 Junard Namoc, Project Staff/RA

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 REP OFFICE
 02-22-19
 APPROVED
 JKD Albaran

VI. Objectives

1. To provide information on the current and standard methods used in management and maintenance of museum collections;
2. To equip the participants with various skills and techniques in the preservation and care of collected specimen; and
3. To enable participants to gain insights on using knowledge gained to advocate for conservation and management in local government units and coastal communities through local scale museums.

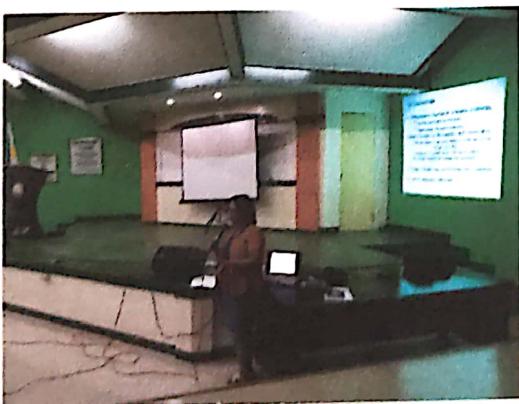


VII. Results

Highlights of Events with photos

Aside from being at the center of global marine biodiversity, the Philippines is also considered as one of the global biodiversity hotspots in the world (Mittermeier et al. 2011) and the hottest in of the marine biodiversity hotspots due to the high levels of threats (Roberts et al. 2002) from human activities and climate change. Understanding biodiversity is fundamental to capture the vast potential of goods and ecological services that can be derived from our seas and the pressures that are being forced upon them, but our knowledge of its current state remains incomplete. To promote awareness on the country's past and existing marine resources, museums and institutions with collections provide an avenue to discover and document biodiversity and communicate the information to the different communities of practice. These institutions are critical for biodiversity research and conservation that can be used as bases for appropriate and updated management strategy for the Philippines' marine ecosystem as well as future research and scientific undertakings.

Furthermore, the Davao del Norte State College is aiming to strengthen and uplift the level of its programs as Center for Development and/or Excellence. A budget from the Commission on Higher Education was granted to DNSC to implement the program entitled: "Quality and Excellence in Marine Biology and Fisheries Program through Local and International Collaboration". Under this project, a museum will be established which will showcase the biodiversity of Davao del Norte and Davao Gulf in general. The project will also capacitate the faculty, staff and students under the 2 programs the current and standard methods used in management and maintenance of museum collections and how collections are prepared and preserved.



Dr. Gumanao presented the Overview of the DNSC project



Ms. Ponce on her lecture on Taxidermy

The training program started with the registration of participants both students and faculty coming from the Fisheries and Marine Biology Program. It was followed by the opening program: prayer and singing of the Philippine National Anthem. An inspirational message was given by the Institute of Aquatic and Applied Sciences (IAAS) Dean Dr. Jesebel R. Besas. The



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project entitled "*Establishment of Biodiversity Museum: Local and International Collaborations*", a component of the CHED IDIG project "*Quality and Excellence in Marine Biology and Fisheries Programs through Local and International Collaboration*" was introduced by Dr. Girley S. Gumanao, the project leader. It was followed by an overview of the BRING network group by Ms. Christine Mae A. Edullantes. BRING is A NETWORK envisioned as a partnership among academic institutions, local government units (LGUs), National Government Agencies (NGAs) and Non-Government Organizations (NGOs) to promote and improve the management, conservation and other collaborative efforts on marine biodiversity in the Philippines. Another part of the BRING project is linking the member institutions and allow collaborations and data sharing through the use of a single platform or a system. The specify 7, a web based platform for biological collection was presented by Mr. Lord Martino S. Mondigo. The Specify is a database management software developed by the Biodiversity Institute of the University of Kansas for species and biological specimen data from research collections. The platform allows racking of specimen transaction, links images to specimen records, and publishes data to the internet. After the presentation of Mr. Mondigo, Dr. Gumanao introduced the external/resource person who delivered her lecture on taxidermy before the laboratory hands-on. Ms. Amy G. Ponce, faculty of Davao Oriental State University (formerly DOSCST) and curator of the Subangan: Davao Oriental Provincial Museum in Mati City, Davao Oriental presented the methods on how to prepare and process raw materials and turn it into preserved specimen.



Demonstration on the process of Taxidermy



Hands-on Training on Taxidermy

In the afternoon, faculty & student participants applied the theories they learned during the morning session. They were provided with the necessary training materials in preserving the specimen.



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Students actively participated the Taxidermy Hands-on

On day 2 (November 17, 2018), the participants continued on taxidermy focusing on the external features and applied some finishing touches to the sample to make it closely to the original specimen.



Output of the training participants

In the afternoon session, Dr. Guumanao presented the methods of preserving fish through the use of chemical solution, specifically, formalin solution. Dr. Guumanao presented the step-by-step of preparing the solution up to the labelling of the preserved specimen.

Insights /Learnings, Challenges and Successes

The participants learned the basics of cleaning, preserving, and filling the skins of the specimen with special materials to make them look as if they are still alive. They also showed the spirit of cooperation & enthusiasm in preserving marine organism with the aim of showcasing these outputs to the next generation. The success of this training is credited to the active participation of Fisheries & Marine Biology Program Faculty and Staff, the training facilitators, project leader, Dean of IAAS and the DNSC administration.

VIII. Recommendations

Phase II of the training should be conducted which will include other methods of preserving marine specimen. A larger venue is recommended also to cater more participants of the training.



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IX. ANNEXES

- ANNEX 1 Pre-Test / Post Test Results (If Applicable)
- Annex 2. Attendance Sheet
- ANNEX 2. Evaluation Forms and Summary (MFO Form 4)
- ANNEX 3 (Program)

Prepared by:

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Training Coordinator

GIRLEY S. GUMANAOG

Project Leader

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MFO 4: TECHNICAL ADVISORY EXTENSION SERVICES (FY 2018)

1. Number of persons trained weighted by the length of training.

Training : Training on Museum Management
Date : November 16-17, 2018

LIST OF PERSONS TRAINED (FY 2018)			
NO.	NAME	NO.	NAME
1	Fahad M. Catuyo	31	Ma. Charito V. Aba
2	Leziel T. Zafra	32	Zollyn B. Manuales
3	Kim Bryan C. Siano	33	Alexa Ruthie A. Espina
4	Jasper F. Hermoso	34	Mariante D. Linggar
5	Jean G. Arcales	35	Richelle L. Opina
6	Beverly R. Amaona	36	
7	Cilicia Fe V. Sarabosing	37	
8	Floregio M. Daylobo	38	
9	Nelen Martinez	39	
10	Stephany Durano	40	
11	Nezel Jubahib	41	
12	Primar B. Monton	42	
13	Andrea Villabas	43	
14	Mario Kenn A. Sablas	44	
15	James A. Muñoz	45	
16	Glenessah S. Tormon	46	
17	Dan Hendrey L. Pesado	47	
18	Josua N. Gomez	48	
19	Neil Haddon S. Bardoquillo	49	
20	Ronald C. Torno	50	
21	Robert R. Mahidlawon	51	
22	Airol Roche A. Barrera	52	
23	John Ray M. Lano	53	
24	Rosie Lynn P. Tejada	54	
25	Rea Mae B. Divinagracia	55	
26	Shane L. Cabansag	56	
27	Danna Mae F. Requillo	57	
28	Alexis Ruth A. Espina	58	
29	Abdul C. Tuto Jr.	59	
30	Anselmo Anobong Jr.	60	

Total Persons Trained : 35

Number of Days : 2 days

Total Weighted Trainees : 43.75

length of training	weight
< 8 hours	0.50
8 hours	1.00
2 days	1.25
3-4 days	1.50
5 days or more	2.00

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Staff/Project Team Member

Noted by:

SAMUEL A. PIANDO
Extension Coordinator

Approved by:

GIRLEY S. GUIMAAO
REP Director

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MFO 4: TECHNICAL ADVISORY EXTENSION SERVICES (FY 2018)

2. Percentage of trainees who rate the training course as good or better
3. Percentage of persons who received training or advisory services who rate timeliness of service as good or better

Training : Training on Museum Management
Date : November 16-17, 2018

LIST OF TRAINEES SURVEYED (FY 2018)			
NO.	NAME	NO.	NAME
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23	John Ray M. Lano	53	DAVAO DEL NORTE STATE COLLEGE
24	Rosie Lynn P. Tejada	54	REP OFFICE
25	Rea Mae B. Divinagracia	55	RECEIVED 2-7-21-A
26	Shane L. Cabansag	56	BY JMO AT Baran
27	Danna Mae F. Requillo	57	
28	Alexis Ruth A. Espina	58	
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30	Anselmo Anobong Jr.	60	

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2. Percentage of trainees who rate the training course as good or better.
3. Percentage of persons who received training or advisory services who rate timeliness of service as good or better.

5	-	Excellent
4	-	Very Good
3	-	Good
2	-	Fair
1	-	Poor

Training : Training on Museum Management
Date : November 16-17, 2018

QUESTION	Ratings				
	1	2	3	4	5
OBJECTIVES					35
RELEVANCE OF THE TOPIC/TIMELINESS					35
TIME MANAGEMENT					35
FLOW OF PRESENTATION					35
SPEAKERS					
SPEAKER 1					35
SPEAKER 2					35
SPEAKER 3					35
SPEAKER 4					35
SPEAKER 5					35
AUDIENCE PARTICIPATION					35
FOOD				2	33
VENUE				1	34
TRAINING STAFF				1	34

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