

## The Rufford Foundation

### Final Report

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Congratulations on the completion of your project that was supported by The Rufford Foundation.

We ask all grant recipients to complete a Final Report Form that helps us to gauge the success of our grant giving. The Final Report must be sent in **word format** and not PDF format or any other format. We understand that projects often do not follow the predicted course but knowledge of your experiences is valuable to us and others who may be undertaking similar work. Please be as honest as you can in answering the questions – remember that negative experiences are just as valuable as positive ones if they help others to learn from them.

Please complete the form in English and be as clear and concise as you can. Please note that the information may be edited for clarity. We will ask for further information if required. If you have any other materials produced by the project, particularly a few relevant photographs, please send these to us separately.

Please submit your final report to [jane@rufford.org](mailto:jane@rufford.org).

Thank you for your help.

**Josh Cole, Grants Director**

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Grant Recipient Details	
Your name	Milton Norman D. Medina
Project title	Establishment of research and conservation center in Mindanao Philippines
RSG reference	22086-B
Reporting period	April 2017 – April 2018
Amount of grant	£ 9517
Your email address	mnd_medina@umindanao.edu.ph
Date of this report	30 May 2018

1. Please indicate the level of achievement of the project's original objectives and include any relevant comments on factors affecting this.

Objectives	Not achieved	Partially achieved	Fully achieved	Comments
Purchasing of research equipment and materials				Purchased materials: Stereomicroscope, specimen drier (plants and animals), specimen boxes (36 pcs.), steel cabinets, plastic boxes for plant specimens, fieldwork materials: backpack, sleeping bag, hand nets,
Benchmark to local museums: National Museum of Natural History in Ermita Manila and UPLB Museum of Natural History in Los Baños, Laguna, Philippines				This is a very important step in the project. During the visit, the proponent learned additional knowledge on proper plant and animal preservation, display, and curation.
Secure Wildlife Gratuitous Permit (GP)				GP was secured as legal document to collect specimens within Davao region
Field expeditions				
Training of curator				
Production of IEC materials				
Conduct more Community Education and Public Awareness (CEPA) campaign in Mindanao				Production of photoguides and other IEC materials are in progress
Training of local communities on basic curation (Coleoptera research)				
Monitoring and Evaluation				In progress

2. Please explain any unforeseen difficulties that arose during the project and how these were tackled (if relevant).

1. Some of the specimen boxes did not fit in the steel cabinet. So we need to adjust the measurements and re-install in the steel cabinets.
2. Curator hired by the PASu office resigned. Right now, the PASu office assigned a temporary curator Mr Jun Gorme, who is also a PASu technical personnel.
3. Suspension of fieldwork due to bad weather. Hence we need to set another schedule of fieldworks causing the delay of our collections and processing of materials.

**3. Briefly describe the three most important outcomes of your project.**

1. Establishment of the depository centre in MHRWS.
2. Training on the local community in proper curation of specimens especially coleopterans.
3. Established linkage with Daugavpils University scientists in establishing baseline data of coleoptera fauna in MHRWS and establish coleopteran research in Mindanao.

**4. Briefly describe the involvement of local communities and how they have benefitted from the project (if relevant).**

N/A

**5. Are there any plans to continue this work?**

Yes definitely. The sustainability of this project is ensured by providing continuous support and collaboration with the Department of Environment and Natural Resources – Protected Area Superintendent Office of San Isidro Davao Oriental. We need to closely monitor the progress of the centre especially now that it just started. We need to monitor possible contaminations of specimens and provide preventive measures.

**6. How do you plan to share the results of your work with others?**

We have presented the project during the “Environment Forum” on February 27th 2018 hosted by the University of Mindanao Davao City. I will also present the project in Daugavpils University Latvia this coming 11<sup>th</sup> -23<sup>rd</sup> June 2018 as plenary speaker in their upcoming International Forum on Biodiversity. There is also an upcoming paper on ‘Coleoptera fauna in MHRWS’. I also mentioned the RF in my recent feature in UNTV (National TV) on the discovery of new species of flowering plant in the Philippines (Time: 1:10:40 (feature) <https://www.youtube.com/watch?v=TQJEXeHvWPA&t=3817s>) but I guess it was cut in the final view.

**7. Timescale: Over what period was The Rufford Foundation grant used? How does this compare to the anticipated or actual length of the project?**

The RF fund was use in the entire duration of the project. This expenditure conforms to the anticipated length of the project. Although there is a little delay due to conflict of schedules of the proponents fieldwork and making the final report.

**8. Budget:** Please provide a breakdown of budgeted versus actual expenditure and the reasons for any differences. All figures should be in £ sterling, indicating the local exchange rate used.

Item	Budgeted Amount	Actual Amount	Difference	Comments
Mobility support (Transportation including monitoring)	2400	3300	900	Excess of transportation costs is due to the price increase of diesel in the Philippines as a result of the recently approved Tax Reform Acceleration Inclusion (TRAIN) Law) which increases the excise tax of fuel and other products.
Equipment & Materials (Stereomicroscope, specimen driers (plants and animals), specimen boxes (36 pcs.), steel cabinets, plastic boxes for plant specimens, fieldwork materials: backpack, sleeping bag, hand nets, vials, chemicals, etc.)	3867	4200	333	Fieldwork materials such as backpacks, vials, sleeping bags, hand nets are not listed in the proposal but purchased in the project because it is very needed by local guides.
Operating Expenses (CEPA program, IEC, fieldwork, incentives to local guides, local workers)	3250	2500	-750	Remaining fund was allotted to CEPA, incentive for fieldworkers, and IEC materials.
<b>TOTAL</b>	<b>9517</b>	<b>10000</b>	<b>483</b>	

**9. Looking ahead, what do you feel are the important next steps?**

As the Philippines is facing rapid loss of its biodiversity, it is important to hasten our field expeditions and documentations of our remaining species. Now that we have a deposition and research center, we can proceed to more scientific collections and documentations which can be used to produce more IEC materials for local communities.

**10. Did you use The Rufford Foundation logo in any materials produced in relation to this project? Did the Rufford Foundation receive any publicity during the course of your work?**

Yes, RSGF was recognised in all publicity made by the proponent.

**11. Please provide a full list of all the members of your team and briefly what was their role in the project.**

**Ms. Analyn Cabras.** She is assigned in Coleoptera research and CEPA programs.

**Mr. Ruel Colong.** He is the Protected Area Superintendent (PASu) of MHRWS who gave us the permit and technical personnel to work in the center.

**Mr. Felipe Gorme.** He is a PASu technical personnel who is trained by the proponent as official curator in the center.

**Mr. Kim Jumawan.** He is assigned in fieldwork activities.

**12. Any other comments?**

Our sincere gratitude to The Rufford Foundation for the funding support in this project. We believed that through this project, we can continue our nature research, conservation, and development initiatives here in Mindanao and in the Philippines as a whole.

# FIELD TRAINING ON SAMPLING PROTOCOLS OF COLEOPTERA RESEARCH

Venue: MHRWS Research and Education Center

Date: December 18-20, 2017

<i>Time</i>	<i>Activities</i>
<b>Day 1: Dec. 18, 2017</b>	
5:00-9:00	Travel from Davao to MHRWS San Isidro, Davao Oriental
9:01-10:00	<b>Short program</b> <ul style="list-style-type: none"> <li>• Prayer</li> <li>• Opening remarks by PASu Ruel Culong</li> <li>• Rationale of the activity by Milton Medina</li> <li>• Briefer on Philippine biodiversity &amp; collection protocols for selected Coleoptera and Odonata research by Analyn Cabras &amp;/or RJ Villanueva</li> </ul>
10:01-10:30	Open Forum
10:31-12:00	Establish camp site Preparation of materials
12:01-1:00	LUNCH
1:01-5:00	Establishment of animal traps in Area 1 Opportunistic sampling for other taxa
5:01-6:00	Dinner
6:01-10:00PM	Light trapping and night sampling
10:01-12:00PM	Segregation of specimens
<b>DAY 2: Dec. 19, 2017</b>	
6:00-7:00	Breakfast
7:01 – 12:00	Opportunistic sampling at area 1
12:01- 1:00	Lunch
1:01- 5:00	Opportunistic sampling at area 2
5:01-6:00	Dinner
6:01-10:00PM	Light trapping and night sampling
10:01-12:00PM	Segregation of specimens
<b>DAY 3: Dec. 20, 2017</b>	
6:00-7:00	Breakfast
7:01 – 12:00	Deposition of materials Opportunistic sampling at area 2
12:01- 1:00	Lunch
1:01- 4:00	Wrap up of sampling activities
4:01-8:00	Travel back to Davao City




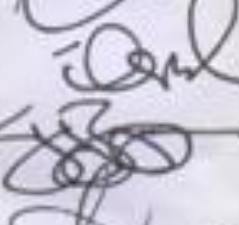



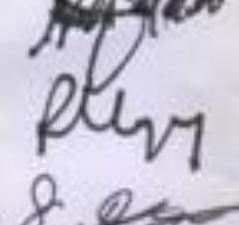
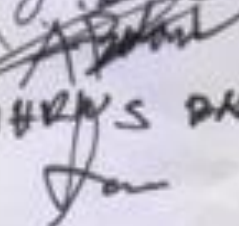
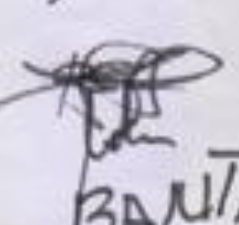
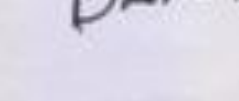
# ATTENDANCE

DEC. 18-20, 2017

NAME

SIGNATURE

AGENCY

1. MILTON MEDINA		
2. FELIPE S. GORME JR.		DENR - MHRWS - PASO
3. EMEE GRACE B. DAQUIADO		DENR-PENRO / MHRWS-PASO
4. CRISTY L. OGALLAYON		DENR-PENRO / MHRWS-PASO
5. Carreon, Hazel		UM - DVD
6. Anelyn Cabras		UM - DVD
7. Dexter Patalita		UM - DVD
8. Jessa Mae Balbanida		UM - DVD
9. Chrestine B. Torrejos		UM - DVD
10. Morales, Normeliza		UM - DVD
11. Alfredo P. Bolante Sr.		Bantay Gabat
12. CHRISTIAN DEL GENTILIAN		UM - DAVAO
13. Braulio M. Malig-aldao		Bantay Gabat
14. Renato Lipay		u u
15. Leonido Clarion		Bantay Gabat
16. Alfredo Bolante Jr.		Porter
17. JERRY RAY TORION		MHRWS BANTAY GUPAT
18. ERIC DAVE MENDOZA		LGU - LA UNION
19. Roelle S. Castillo		UM - DAVAO
20. JOHN MHELER VERGARA		LGO - LA UNION
21. VALENTINE Jimmy JR		BANTAY GUBAT V. Jimmy