



Republic of the Philippines
Department of Environment and Natural Resources
Provincial Environment and Natural Resources Office
MIMAROPA Region

Bgy. Sta. Monica, Puerto Princesa City, Palawan

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Telfax No. (048) 433-5638 / (048) 433-5638

DENR MIMAROPA	
RECORDS SECTION	
RECEIVED	
BY:	
DATE:	
TIME:	

May 15, 2023

MEMORANDUM

FOR : The Regional Executive Director
DENR MIMAROPA
1515 DENR By the Bay Bldg., Roxas Boulevard,
Barangay 668, Ermita Manila

THRU : The OIC, Assistant Regional Director for Technical Services

FROM : The Provincial Environment and
Natural Resources Officer

SUBJECT : **1ST SEMESTER REPORT ON BIODIVERSITY MONITORING
SYSTEM (BMS) OF MALAMPAYA SOUND PROTECTED
LANDSCAPE AND SEASCAPE (MSPLS), TAYTAY-SAN
VICENTE, PALAWAN**

Forwarded is the memorandum dated May 2, 2023 from CENRO Taytay along with the 1st Semester Report on Biodiversity Monitoring System (BMS) of Malampaya Sound Protected Landscape and Seascape (MSPLS).

Please be informed that on February 7, 2023 to March 17, 2023, the Protected Area Management Office (PAMO) of MSPLS conducted series of activities for the implementation of BMS, these include transect walk and Focus Group Discussion (FGD).

Further, be informed that the result of the BMS was presented during the Protected Area Management Board (PAMB) Meeting on April 27, 2023.

This serves as Means of Verification on the target activity on Biodiversity Monitoring System (BMS) for MSPLS.

For information and record.



"For the PENRO"

[Signature]
RONIE B. GANDEZA
DMO IV/ OIC TSD
In-Charge Office of the PENRO

DENR-PALAWAN
PENRO-RECORDS
RELEASED
By: *[signature]*
Date: **18 MAY 2023** CN **23-1396**



Republic of the Philippines
Department of Environment and Natural Resources
Region IV- MIMAROPA
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
by the National Highway, Poblacion, Taytay, Palawan 5312
Contact No.: 09265059335 (Globe) / 09121713889 (Smart)
Email address: cenrotaytay@denr.gov.ph

**DENR PENRO
PALAWAN RECORDS
RECEIVED**

May 4, 2023

MEMORANDUM

BY: [Signature]
DATE: May 4, 2023 CN 23-4176

FOR : The Provincial Environment and Natural Resources Officer- Palawan

FROM : The Community Environment and Natural Resources Officer

SUBJECT : **ACCOMPLISHMENT REPORT ON ACTIVITY PER WFP
Malampaya Sound Protected Landscape and Seascape (MSPLS)**

Activity: Biodiversity Monitoring System (BMS)				
Performance Indicator: Two (2) final reports to be submitted each every semester.				
Current submission: Memo report of Protected Area Superintendent/In Charge, CDS/For. III Clarissa P. Pador dated May 2, 2023 (CN 2859 in the eDATS) submitting the 1 st Semester report CY 2023 for Protected Area Management Office of Malampaya Sound Protected Landscape and Seascape (MSPLS).				
Attachment: 1. Memo report of CMEMP E.O Maria Lilibeth E. Arojo dated April 28, 2023. 2. Comprehensive Report (20 pages) 3. Photo documentation (2 pages)				
Gender & Development (GaD) data	Male = 10	Female = 3	LGBTQ+ = 0	Prefer not to say = 0
	The data hereon refers to PAMO-MSPLS Staff			
Age Grouping	60 and above	18-59	17 and below	TOTAL
	0	13	0	13
Environmental Management System (EMS Compliance)	<ul style="list-style-type: none">✓ Compliant to 5S organization techniques (SORT – keep only necessary items, SET IN ORDER – arrange items to promote efficient workflow, SHINE – clean the work area so it is neat and tidy, STANDARDIZE – set standards for a consistently organized workplace and SUSTAIN – maintain and review standard)✓ Organizing of travel to maximize conveyance and observance of speed limit to practice the minimized used of fuel✓ Carpooling✓ No single use plastic✓ PENRO Memo No. 2023-001 dated February 21, 2023			

Explanation: The issues and results were presented to the Protected Area Management Board (PAMB) during the Enbanc meeting on April 27, 2023. The PAMB intervention and recommendation was indicated in the comprehensive report.

This is our **Means of Verification (MoV)** on the activity. Please confirm your receipt hereof. Thank you.

**DENR CENRO
TAYTAY, PALAWAN
RELEASED**

BY: [Signature]
DATE: MAY 04 2023

For and in the absence of the CENRO:

[Signature]
MARIANO P. LILANG, JR.
Development Management Officer IV
Per DAO-2022-09, page 3



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
PROTECTED AREA MANAGEMENT OFFICE
MALAMPAYA SOUND PROTECTED LANDSCAPE AND SEASCAPE (MSPLS)
Taytay-San Vicente, Palawan
Barangay Old Guinlo, Taytay, Palawan
Email add: pamomspls21@gmail.com/Contact #: 0938-786-3728 (SMART)



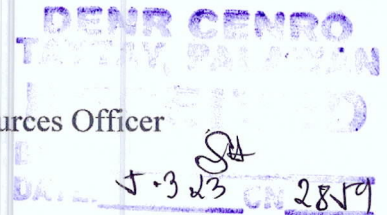
May 2, 2023

MEMORANDUM

FOR : The Community Environment and Natural Resources Officer
Taytay, Palawan

FROM : The In Charge, CDS/Protected Area Superintendent
Malampaya Sound Protected Landscape and Seascape (MSPLS)
Taytay-San Vicente, Palawan

SUBJECT : **1ST SEMESTER REPORT ON BIODIVERSITY MONITORING
SYSTEM (BMS) OF MALAMPAYA SOUND PROTECTED
LANDSCAPE AND SEASCAPE (MSPLS), TAYTAY-SAN
VICENTE, PALAWAN**



This pertains to the target activity under 001 Protected Area Management and Development Sub-Program- Biodiversity Monitoring System (BMS) of Malampaya Sound protected Landscape and Seascape (MSPLS). Taytay-San Vicente, Palawan.

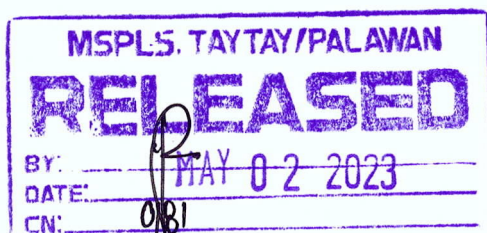
Please be informed that this Office conducted the Biodiversity Monitoring System (BMS) for the 1st semester CY 2023 within the terrestrial areas of MSPLS. During the Focus Group Discussion (FGD) at Sitio Yakal, Barangay New Guinlo and Banbanan, Taytay, Palawan, the issues and concern raised by the Community Monitoring Group (CMG) is the illegal fishing activity particularly the trawl fishing activities within the inner sound of MSPLS and sand and gravel extraction along the river of Barangay Banbanan by local communities purposely for the construction of their residential houses.

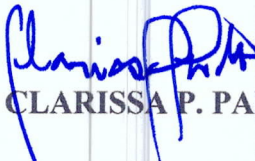
The said issues and result of data were presented to the Protected Area Management Board (PAMB) Enbanc meeting on April 27, 2023 for management intervention.

The team were composed of three (3) females and ten (10) males.

This is our **Means of Verification (MOV)** on the said target activity.

For information and record.




CLARISSA P. PADOR



Republic of the Philippines
Department of Environment and Natural Resources
MIMAROPA Region
PROTECTED AREA MANAGEMENT OFFICE
MALAMPAYA SOUND PROTECTED LANDSCAPE AND SEASCAPE (MSPLS)
Taytay-San Vicente, Palawan
Barangay Old Guinlo, Taytay, Palawan
Email add: pamomspls@gmail.com/Contact #: 0938-786-3728 (SMART)



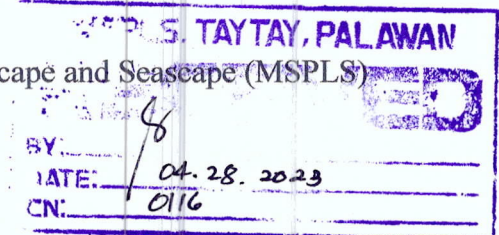
April 28, 2023

MEMORANDUM

FOR : The Protected Area Superintendent
Malampaya Sound Protected Landscape and Seascape (MSPLS)
Taytay-San Vicente, Palawan

FROM : CMEMP Extension Officer
MSPLS, Taytay, Palawan

SUBJECT : **SUBMISSION OF 1st SEMESTER BIODIVERSITY MONITORING SYSTEM (BMS) OF MALAMPAYA SOUND PROTECTED LANDSCAPE AND SEASCAPE (MSPLS), TAYTAY-SAN VICENTE, PALAWAN**



This pertains to the target activity on PA Habitat Protection item A. Biodiversity Monitoring System (BMS) under Protected Area Management and Development Sub Program for Malampaya Sound Protected Landscape and Seascape (MSPLS), Taytay-San Vicente, Palawan for 1st Semester of Calendar Year 2023.

Please be informed that on February 07, 2023 to March 17, 2023 the Protected Area Management Office (PAMO) of MSPLS personnel, conducted a series of transect walk monitoring at the established monitoring sites in Barangays New Guinlo, Old Guinlo and Banbanan, Taytay and Barangay Alimanguan, San Vicente, Palawan. The team were composed of three (3) females and ten (10) males. Focus Group Discussion (FGD) meeting was also conducted at the Sitio Yakal, Barangay New Guinlo, Taytay on February 23, 2023 and in Bgy. Banbanan, Taytay, Palawan on March 17, 2023. During FGD, the issues and concerns raised by the FGD members is the illegal fishing activity specifically the trawl fishing within inner sound of MSPLS in Sitio Yakal, Barangay New Guinlo and sand and gravel extraction along the river of Barangay Banbanan by local communities for the construction of their residential house. The said issues and the result of the data gathered were presented in the Protected Area Management Board (PAMB) meeting of MSPLS on April 27, 2023 for management intervention.

Biodiversity monitoring activities for the period revealed that Sunbird (*Aethopyga sp.*) is the most common species in the all established monitoring sites in New and Old Watershed, Bgy. New Guinlo, Palawan, Sitio Malatek-latek, Bgy. Old Guinlo, Bgy. Banbanan, Taytay and Purok 5, Bgy. Alimanguan, San Vicente, Palawan. Indicator/Priority species such as Blue-naped Parrot, Grey Imperial Pigeon, Blue Headed Racket Tail Parrot, Palawan Horbill, Hooded Pitta and Palawan Shama were also monitored in these areas.

Attached are the data results and photo documentation of the activity.

For his information and record.


MARIA LILIBETH E. AROJO

Name of Protected Area: **Malampaya Sound Protected Landscape and Seascape**

Name of PAMB: **Malampaya Sound Protected Landscape and Seascape**

1st Quarter of Year 2023

Contents

1. Introduction
2. Proposed Management Interventions
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 - 4.3 Summary of Transect data 1st Quarter of Year 2023
 - 4.4 Summary of Focus Group Discussion data 1st Quarter of Year 2023

Biodiversity Monitoring Report

1. Introduction


The Biodiversity Monitoring System (BMS) aims to improve the information available for decision-makers in protected areas through the regular collection of data on natural biological resources and their utilization. The focus is on *identifying trends* in biodiversity and its use so as to *guide action* in PA management. In addition, the BMS is intended to improve the participation of protected area communities in PA management.

The BMS includes four (4) methods:

1. **Focus Group Discussion (FGD)** are held semester in Sitio Yakal, Bgy. New Guinlo, Taytay and Bgy. Banbanan, Taytay, Palawan. This methods generates information regarding trends in use of resources, trends in status of selected resources, and trends in status of households benefiting from the use of resources. The information is mainly based on local communities own perception of trends. Data gathered continuously from a number of representative communities can provide a valid picture of general trends.
2. **Field Diaries** are used by Forest Rangers and Park Rangers during regular patrols and other field activities in the protected area. This method comprises standardized recording of routine observations on resources use and wildlife in a simple pocketbook or data sheet. Information may be own observations or second-hand information.
3. **Photo Documentation** is done at the Old and New Watershed areas of Bgy. New Guinlo and at the Watershed Area of Bgy. Old Guinlo, Taytay, Palawan permanent points by taking photos of the landscape from the same place every semester. The new photos are compared with older ones to detect changes in the forest cover.
4. **Transects** are somewhat similar to routine patrolling using filed diary. However, transects are permanent demarcated routes where there are precise recommendations on where to walk (or sail or swim), when to do it, and what to note. Transects are undertaken along five (5) permanent transect routes every semester.

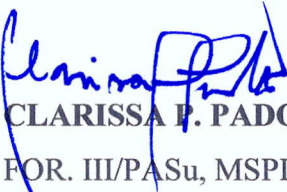
Date: April 27, 2023

Prepared by:



MARIA LILIBETH E. AROJO
CMEMP Extension Officer

Noted by:



CLARISSA P. PADOR
FOR. III/PASu, MSPLS

2. Proposed Management Interventions

Table 1. Proposed Management Interventions for MSPLS for 1st Semester CY 2023.

Issue 1	Illegal fishing using trawl net within inner malampaya sound.
Municipality	Taytay
Recommended PAMB Action	The body recommends to submit letter to Provincial Government in coordination with the Bantay Palawan for possible counter part of enforcement in Malampaya Sound in combating illegal trawl fishing and closed coordination to Regional Mobile Force Batallion (RMFB) and Municipal Police Station (MPS).
Supportive BMS Information	Focus Group Discussion (FGD)

Issue 2	Extraction of sand and gravel of local communities for the construction of residential house in Barangay Banbanan, Taytay, Palawan.
Municipality	Taytay
Recommended PAMB Action	The body recommended to conduct investigation in the area together with Enforcement Team of DENR.
Supportive BMS Information	Focus Group Discussion (FGD)

3. Important Observations

Based on the monitoring and interpretation of data gathered from the field for the 1st *Semester CY 2023*, the following important observations were recorded.

Table 2. Important observations on Biodiversity for 1st *Semester CY 2023*

<i>Method</i>	<i>Species or Resource Use</i> (only 2-4 most important)	<i>Changed observed and reason</i>	<i>Proposed action</i>
Field Diary During patrolling	Palawan Hornbill Hooded Pitta Palawan Shama Philippine Wild Duck Blue Headed Racket Tail Parrot Blue-naped parrot Grey Imperial Pigeon	There were more priority species monitored	Continuous monitoring and conduct of CEPA
Photo Documentation	None	None	
Transects <i>(Transect walk)</i>	Forest trees and priority species	None	Continuous monitoring and conduct of CEPA
Focus Group Discussion	a. So. Yakal, Bgy. New Guinlo, Taytay 1. <i>Banak</i> 2. <i>Blue Crabs</i> 3. <i>Kabitsen</i> 4. <i>Green mussels</i>	No extraction of <i>samaral</i>	Continuous monitoring
	b. Bgy. Banbanan, Taytay 1. <i>Tunsoy</i> 2. <i>Pusit (lumot)</i> , 3. <i>Blue Crabs</i> 4. <i>Rabbitfish</i> 5. <i>Pony fish (Salaysalay)</i>	None	Continuous monitoring

4.1 Summary of Field Diary Data 1st Semester CY 2023

Below is the summary of the data extracted from the field diaries of forest and park rangers on wildlife they monitored within MSPLS.

Table 3. Summary of Field Diary Data for 1st Semester CY 2023

Resource Use or Species	Place	Nos	How Observed	Date	Name of Observer	Remarks
Rufous Night Heron	Bgy. Old Guinlo	3	Seen	January 4	R. Tandoc J. Agbisit R. Armenia E. Balvin R. Dalabajan R. Tenolite R. Valones	In-flight
Little Egret	Bgy. New Guinlo	2	Seen	January 9	R. Armenia E. Balvin	Flying
Common Dove	Bgy. New Guinlo	1	Seen	January 9	F. Bose R. Tenolite	Flying
Rufous Night Heron	Bgy. New Guinlo	3	Seen	January 10	R. Tandoc	In-flight
Storkbilled King fisher	Bgy. Alacalian	2	Seen	January 11	R. Tandoc J. Agbisit R. Armenia E. Balvin R. Tenolite R. Valones F. Bose	Flying
White-Breasted Sea Eagle	Bgy. New Guinlo	1	Seen	January 13	R. Armenia F. Bose E. Balvin R. Tenolite	Flying
Palawan Hornbill	Bgy. Old Guinlo	3	Seen	January 13	R. Tandoc	Flying
Red Jungle Fowl	Bgy. Tumbod	1	Seen	January 16	N. Mendaza C. Valente	In-flight
Long-tailed Macaque	Bgy. Tumbod	2	Seen	January 18	N. Mendaza C. Valente	Feeding
Blue Naped Parrot	Bgy. New Guinlo	1	Heard	January 18	J. Agbisit E. Balvin F. Bose R. Tandoc R. Armenia R. Tenolite	In-flight

					R. Valones	
Grey Imperial Pigeon	Bgy. New Guinlo	4	Heard	January 18	J. Agbisit E. Balvin F. Bose R. Tandoc R. Armenia R. Tenolite R. Valones	In-flight
Palawan Hornbill	Bgy. New Guinlo	6	Seen	January 18	J. Agbisit E. Balvin F. Bose R. Tandoc R. Armenia R. Tenolite R. Valones	In-flight
Grey Imperial Pigeon	Bgy. New Guinlo	5	Seen	January 18	J. Agbisit E. Balvin F. Bose R. Tandoc R. Armenia R. Tenolite R. Valones	In-flight
Sunbird	Bgy. Alacalian	5	Heard	January 19	J. Agbisit E. Balvin F. Bose R. Tandoc R. Armenia R. Tenolite R. Valones	Flying
White-Breasted Sea Eagle	Bgy. Alacalian	4	Seen	January 19	J. Agbisit E. Balvin F. Bose R. Tandoc R. Armenia R. Tenolite R. Valones	Flying
Grey Imperial Pigeon	Bgy. Pancol	1	Seen	January 20	R. Dalabajan	Flying
White-Breasted Sea Eagle	Bgy. Old Guinlo	1	Seen	January 20	J. Agbisit E. Balvin F. Bose R. Tandoc R. Armenia R. Tenolite R. Valones	Flying

Blue-headed Racket Tail Parrot	Bgy. Tumbod	1	Seen	January 20	N. Mendaza C. Valente	Flying
Monitor Lizard	Bgy. New Guinlo	1	Seen	January 24	J. Agbisit E. Balvin F. Bose R. Tandoc R. Armenia R. Tenolite R. Valones	Crawling
Storkbilled King fisher	Bgy. Alacalian	2	Seen	January 25	J. Agbisit E. Balvin F. Bose R. Tandoc R. Armenia R. Tenolite R. Valones	Flying
White-Breasted Sea Eagle	Bgy. Alacalian	1	Seen	January 26	J. Agbisit E. Balvin F. Bose R. Tandoc R. Armenia R. Tenolite R. Valones	Flying
Hornbill	Bgy. Tumbod	3	Seen	January 26	N. Mendaza C. Valente	Flying
Common Dove	Bgy. Pancol	2	Seen	January 26	R. Dalabajan	Flying
Tailor Bird	Bgy. Alacalian	1	Heard	January 27	J. Agbisit	Flying
White-Breasted Sea Eagle	Bgy. Alacalian	1	Seen	January 27	J. Agbisit	Flying
Storkbilled King fisher	Bgy. Alacalian	2	Heard	January 27	J. Agbisit	Flying
White-Breasted Sea Eagle	Bgy. New Guinlo	2	Seen	February 3	J. Agbisit E. Balvin F. Bose R. Tandoc R. Armenia R. Tenolite R. Valones	Flying
Zebra Dove	Bgy. New Guinlo	1	Heard	February 6	J. Agbisit	Flying

Grey Imperial Pigeon	Bgy. New Guinlo	4	Seen	February 7	R. Armenia	Flying
White Breasted Sea Eagle	Bgy. Tumbod	1	Seen	February 14	N. Mendaza C. Valente	Flying
White Breasted Sea Eagle	Bgy. Pancol	2	Seen	February 14	J. Agbisit E. Balvin F. Bose R. Tandoc R. Armenia R. Tenolite R. Valones	Flying
Hooded Pitta	Bgy. New Guinlo	5	Heard	February 20	J. Agbisit E. Balvin F. Bose R. Tandoc R. Armenia R. Tenolite R. Valones	Flying
Long Tailed Macaque	Bgy. Tumbod	10	Heard	February 21	N. Mendaza C. Valente	Feeding at seashore
Blue-headed Racket Tail Parrot	Bgy. New Guinlo	3	Seen	February 22	E. Balvin R. Armenia R. Tenolite F. Bose R. Valones	In-flight
White Breasted Sea Eagle	Bgy. New Guinlo	1	Seen	February 27	E. Balvin R. Armenia R. Tenolite F. Bose R. Valones	Flying
White Breasted Sea Eagle	Bgy. Alacalian	3	Seen	March 1	J. Agbisit E. Balvin R. Tandoc R. Armenia R. Tenolite R. Valones	Flying
Grey Imperial Pigeon	Bgy. New Guinlo	1	Seen	March 2	E. Balvin R. Armenia R. Tenolite	Pearching
Grey Imperial Pigeon	Bgy. Pancol	4	Seen	March 4	R. Dalabajan	In-flight
Hooded Pitta	Bgy. Tumbod	1	Seen	March 7	J. Agbisit E. Balvin F. Bose R. Tandoc R. Armenia R. Tenolite	In-flight

White Collard Kingfisher	Bgy. Bato	1	Heard	March 9	R. Valones J. Agbisit E. Balvin F. Bose R. Tandoc R. Armenia R. Tenolite R. Valones	Flying
Rufous Night Heron	Bgy. Old Guinlo	3	Seen	March 10	J. Agbisit E. Balvin F. Bose R. Tandoc R. Armenia R. Tenolite R. Valones	Flying
Long-tailed Macaque	Bgy. Banbanan	1	Seen	March 17	J. Agbisit E. Balvin F. Bose R. Tandoc R. Armenia R. Tenolite R. Valones	Perching on the top of the tree
Grey Imperial Pigeon	Bgy. New Guinlo	4	Seen	March 21	E. Balvin R. Armenia R. Tenolite F. Bose	In-flight
Palawan Hornbill	Bgy. Liminangcong	5	Heard	March 21	N. Mendaza C. Valente	In-flight
Storkbilled Kingfisher	Bgy. Tumbod	6	Heard	March 22	N. Mendaza C. Valente	Flying
Palawan Shama	Bgy. New Guinlo	4	Heard	March 23	J. Agbisit E. Balvin F. Bose R. Tandoc R. Armenia R. Tenolite R. Valones	Flying
Wild Duck	Bgy. New Guinlo	2	Seen	March 24	E. Balvin R. Armenia R. Tenolite F. Bose R. Valones	In-flight
Monitor Lizard	Bgy. Tumbod	1	Seen	March 28	R. Armenia E. Balvin R. Tenolite	Crawling

4.2 Summary of Photo Documentation data 1st Semester CY 2023

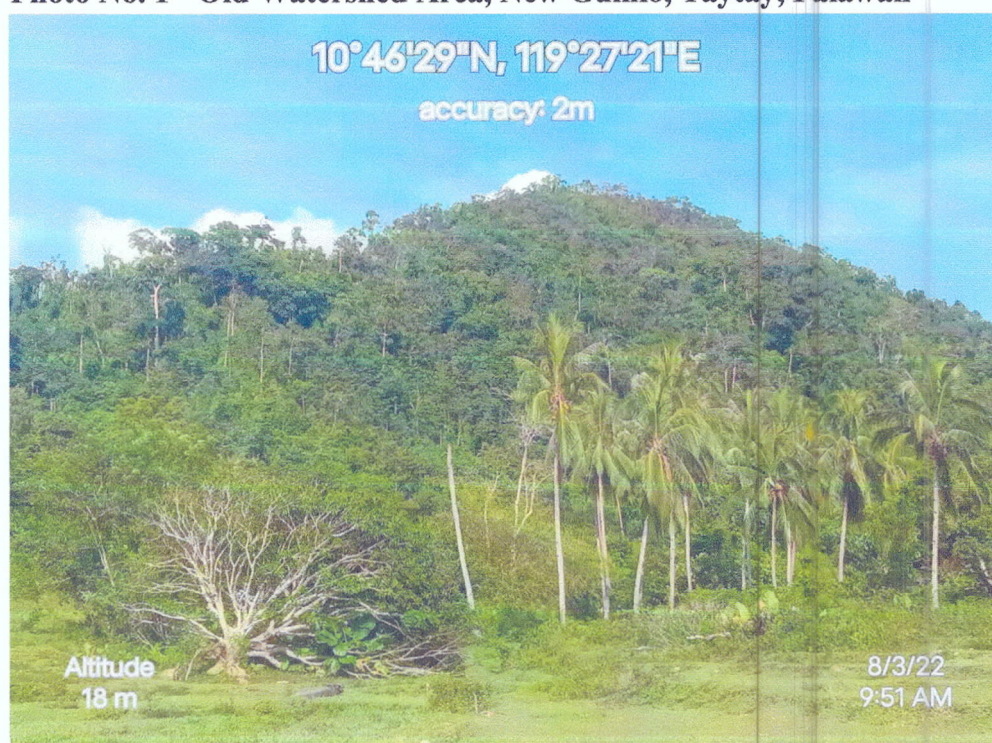
PA Name: Malampaya Sound Protected Landscape and Seascape

Total No. of Established Photo Sites: 3

<i>Name of photo site</i>	<i>Code name of photo, if any</i>	<i>Date of photo this quarter</i>	<i>Date of previous photo</i>	<i>Date of first photo</i>	<i>Total no. of times photo-graphed</i>	<i>Habitat change between photo this quarter and previous photo</i>
1. New Guinlo Old Watershed Area	Photo No. 1	02/23/23	8/03/22	11/23/09	46	Forest trees still intact.
2. New Guinlo New Watershed Area	Photo No. 2	02/23/23	8/03/22	11/24/09	46	Forest trees still intact.
3. Old Guinlo Watershed Area	Photo No. 3	02/28/23	8/02/22	11/25/09	46	Forest trees still intact.

Table 4. Photo documentation data for 1st Semester CY 2023

Photo No. 1 - Old Watershed Area, New Guinlo, Taytay, Palawan





Coordinates	:10°46'58 N, 119°26'46 E
Location	:Barangay New Guinlo, Taytay, Palawan
Accessibility	:The area can be reached by motorcycle or any public utility vehicle. The site is 18 kilometers away from Bgy. Poblacion, Taytay, Palawan.
Date established	:November 23, 2009

Photo No. 2 - New Watershed Area, New Guinlo, Taytay, Palawan



Coordinates : 10°46'59 N, 119°26'42 E
Location : Barangay New Guinlo, Taytay, Palawan
Accessibility : The area can be reached by motorcycle or any public utility vehicle. The site is 23 kilometers away from Bgy. Poblacion, Taytay, Palawan
Date established : November 24, 2009

Photo No. 3 - Old Guinlo Watershed Area





10°46'52"N 119°26'52"E
Feb 28, 2023 9:39:16 AM

Coordinates : 10°46'52 N, 119°26'52 E
Location : Barangay Old Guinlo, Taytay, Palawan
Accessibility : The area can be reached by motorcycle or any public utility vehicle. The site is 27 kilometers away from Bgy. Poblacion, Taytay, Palawan
Date established : November 25, 2009

4.3 Summary of Transect Data 1st Semester Year 2023

PA Name: *Malampaya Sound Protected Landscape and Seascape*

Total No. of Established Transect Routes: 5

Table 5. Transect walk monitoring data for 1st Semester CY 2023

Name of transect route (incl Barangay & Municipality)	Date of the survey this quarter	No. of times surveyed since establishment	Priority species and uses recorded	No. Recorded this quarter
New Watershed, Bgy. New Guinlo, Taytay	February 7, 2023	46	Sunbird	20
			Little Egret	23
			Red jungle fowl	11
			Olive-winged bulbul	30
			Tailor bird	10
			Common coucal	3
			Swiflet	2
			Flower pecker	4
			Zebra dove	1
			Malcoha	2
			Little crow	2
			Cricket	2
			Palawan Shama	4
			Wagtail	1
			Butterfly	5
			Kingfisher	1
			Wood pecker	2
			Green Imperial Pegin	4
			Swiflet	2
			Palawan Hornbill	2
Old Watershed, Bgy. New Guinlo, Taytay	February 7, 2023	46	Sunbird	13
			Olive-winged bulbul	2
			Palawan Tree Shrew	1
			Long-tailed macaque	2
			Palawan Shama	4
			Drongo sp.	2
			Green Imperial Pegin	4
			Woodpecker sp.	1
Sitio Malatek-latek, Bgy. Old Gunlo, Taytay	February 28, 2023	46	Woodpecker sp	2
			Palawan Tree Shrew	3

			Olive-winged Bulbul	10
			Butterfly	8
			Sunbird	16
			Black-naped Oriole	2
			Blue-naped Parrot	4
			Crow	1
			Hooded Pitta	1
			Tailor Bird	3
			Grey Imperial Pigeon	4
			Wagtail	4
			Spider hunter	2
			Swiflet	3
			Coucal	3
			White Egret	6
			Red jungle fowl	2
			Palawan hornbill	2
			Black naped oriole	3
			Egret	1
			Citrine canary	3
Banbanan, Taytay	March 17, 2022		Palawan Shama	3
			Butterfly	33
			Spider hunter	27
			Sunbird	16
			Cricket	2
			Drongo sp.	4
			Palawan Shama	6
			Black naped oriole	7
			Citrine canary	3
			Grey Imperial Pigeon	2
			Bluebird Flycatcher	7
			Tailor Bird	2
			Gecko	7
			Olive-winged bulbul	1
			Crow	2
Alimanguan, San Vicente	March 2, 2023		Sunbird	2
			Palawan Shama	3
			Black naped oriole	3
			Bluebird Flycatcher	7
			Crow	2
			Olive-winged bulbul	2
			Grey Imperial Pigeon	1
			Butterfly	4
			Tailor Bird	2

The activity was conducted within the five (5) established permanent monitoring sites in New and Old Watershed, Bgy. New Guinlo, Sitio Malatek-latek, Bgy. Old Guinlo, Bgy. Banbanan and Alimanguan, San Vicente, Palawan. Data shows that Olived-winged bulbul is the most dominant species in all sites except in Alimanguan, San Vicente, Palawan where the Bluebird Flycatcher is the most dominant. Other species were also observed in all sites which are categorized in the list of threatened, endemic and economically important species in the area.

4.5 Summary of Focus Group Discussion Data for the 1st Semester CY 2023

PA Name: Malampaya Sound Protected Landscape and Seascape

Total number of sites with Community Monitoring Groups (CMG): Two (2)

Table 7. List of Community Monitoring Group Members in So.Yakal, Bgy. New Guinlo, Taytay, Palawan, and Barangay Banbanan, Taytay, Palawan.

Name of Sitios and Community Monitoring Group: (note 'x' if present)	Date of CMG Meeting this quarter	Total no. CMG in this Barangay
So. Yakal Bgy. New Guinlo, Taytay, Palawan	February 23, 2023	Fifteen (15)
1. Francisca Repecio		
2. Nonita Francisco		
3. Eden Dela Cruz		
4. Wilma Dela Cruz		
5. Diosdado Magdaluyo		
6. Euvihilda Cabailo		
7. Perfecto Cabailo		
8. Herlina Avendaño		
9. Norry Cabailo		
10. Demetrio Cabailo		
11. Zaldy Ambrocio		
12. Edna Magbanua		
13. Elvin Dela Cruz		
14. Renato Raya		
15. Luzviminda Gadiano		
Barangay Banbanan, Taytay, Palawan	March 17, 2023	Fifteen (15)
1. Rene Medianista		
2. Rene Brillo		
3. Thelma Medianista		
4. Francia Gonzaga		
5. Marissa Llambo		
6. Ricardo Aten		
7. Glaiza Signo		
8. Ryan Arbolado		
9. Ma. Jesusa Castillo		
10. Gerardo Pahayahay		
11. Alvin Laguerta		
12. Noel Alba		
13. Ramil Gonzaga		
14. Hector Dela Rosa		
15. Glenn Barnedo		

The Focus Group Discussion (FGD) was attended by a total of thirty participants composed of fifteen (15) from So.Yakal, Bgy. New Guinlo and fifteen (15) from CMG members from Bgy. Banbanan, Taytay, Palawan. The discussions focused on the terrestrial and marine resources extraction by the members and their neighbors as well as the occurrences of wild faunas in their locality.

PHOTO DOCUMENTATION



Figure I. The members of Community Monitoring Group (CMG) and PAMO staff during the conduct of FGD at Sitio Yakal, Bgy. New Guinlo and Bgy. Banbanan, Taytay, Palawan.

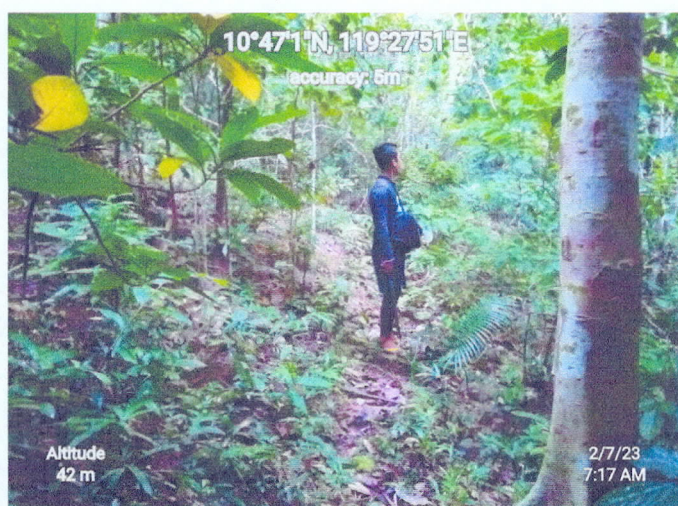


Figure II. The PAMO-MSPLS staff during the conduct of transect walk in New and Old Watershed of Bgy. New Guinlo, Taytay, Palawan.

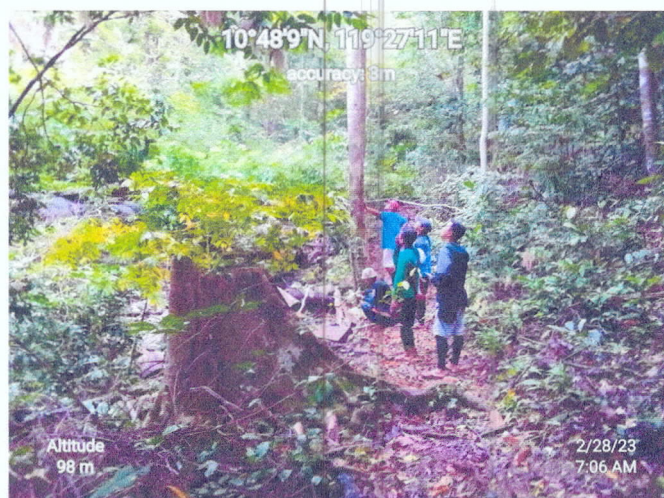
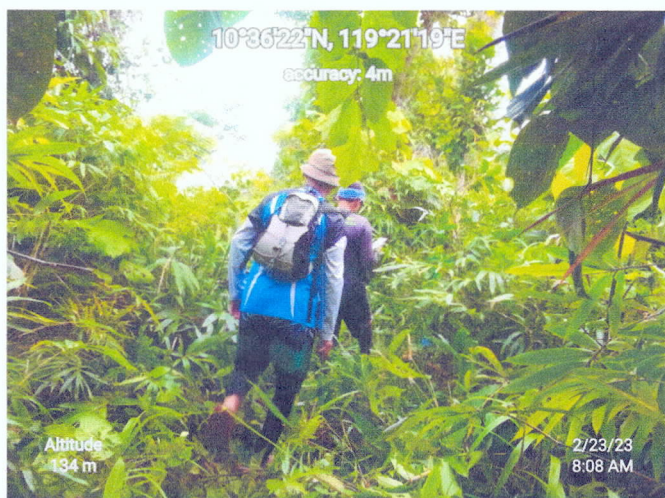


Figure III. The PAMO-MSPLS staff during the conduct of transect walk in Sitio Malatek-latek, Bgy. Old Guinlo, Bgy. Banbanan, Taytay and Bgy. Alimanguan, San Vicente, Palawan.



Figure IV. The undersigned presented the result of the 1st semester BMS of MSPLS during PAMB meeting.



I hereby certify that the above photos are true and correct and taken during Biodiversity Monitoring System (BMS) on February 7 to March 17, 2023 within MSPLS.

MARIA LILIBETH E. AROJO
CMEMP Extension Officer