



MEMORANDUM

FOR : **The Regional Executive Director**
DENR, MIMAROPA Region

THRU : **The Assistant Regional Director**
for Technical Services

ATTENTION : **The Chief, Conservation Development Division**

FROM : **The OIC, Provincial Environment and Natural Resources Officer**

SUBJECT : **REPORT OF BIODIVERSITY MONITORING SYSTEM (BMS) FOR THE FIRST SEMESTER OF CY 2023 OF MARINDUQUE WILDLIFE SANCTUARY (MWS).**

Date : **March 6, 2023**

Forwarded is the Memorandum Report dated February 27, 2023 relative to the First Biodiversity Monitoring System (BMS) conducted on February 16-17, 2023 in which activities are: Focus Group Discussion (FGD), Photo-documentation, Field Diary and Transect walk within the 2-kilometer transect line in Marinduque Wildlife Sanctuary (MWS) together with pertinent enclosures.

Per report, it was confirmed that BMS is an effective tool for participatory monitoring and management strategy to obtain the support and cooperation from the stakeholders particularly the local government units, community monitoring group, academe, members of farmers association, and tenured migrants in the protection and conservation of biodiversity within the protected area.

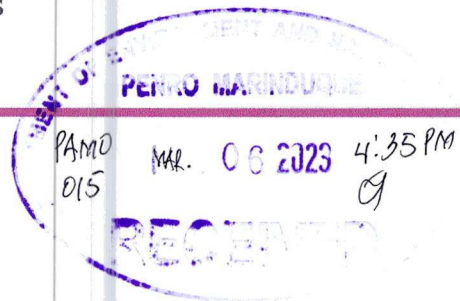
Likewise, said activity was presented to First Protected Area Management Board Meeting of Marinduque Wildlife Sanctuary held on February 23, 2023 at PENRO Conference Hall for their comment and recommendations.

For information and record.


IMELDA M. DIAZ



Republic of the Philippines
Department of Environment and Natural Resources
PENRO Marinduque



MEMORANDUM

FOR : The OIC, PENR Officer
Boac, Marinduque

FROM : The Protected Area Superintendent,
Marinduque Wildlife Sanctuary

FROM : Senior Ecosystem Management Specialist

SUBJECT : **REPORT OF THE FIRST SEMESTER OF CY 2023 BIODIVERSITY MONITORING SYSTEM (BMS) CONDUCTED WITHIN MARINDUQUE WILDLIFE SANCTUARY (MWS).**

Date : **February 27, 2023**


Respectfully submitting is the First Semester of CY 2023 Biodiversity Monitoring System (BMS) Report conducted on February 16-17, 2023 within Marinduque Wildlife Sanctuary (MWS) situated at Brgys. of Masalukot & Tambangan, Sta. Cruz and Brgy. Tumagabok, Boac, Marinduque.

The Biodiversity Monitoring System (BMS) was regularly conducted semi-annually within Marinduque Wildlife Sanctuary (MWS) with the following methods undertaken e.g. Focus Group Discussion (FGD), Field Diary, Photo documentation and Transect walk observation within established 2 KM transect routes in the area.

Based on the data gathered from the different activities of BMS, it was confirmed that the continuous development of forest vegetation and other wildlife resources can be achieved through the participatory management and protection by the Community Monitoring Group (CMG) with the assistance of the local government units from the provincial, municipal, and barangay.

Likewise, active participation of the academe (Marinduque State College) will additionally led to expand Environment and Natural Resources (ENR) awareness among tenured migrants and stakeholders in the community.

For information and record.


EMETERIO M. RECTO

Name of Protected Area: **Marinduque Wildlife Sanctuary**

Name of PAMB : **MWS-PAMB**

1st Semester of Year 2023

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I. 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 to *guide action* in protected area management. In addition, it intends to improve the participation of communities and tenured migrants in PA Management.

The BMS includes four methods:

1. The Focus Group Discussion (FGD)

FGD was held every 1st and 2nd semester of the year in one site. This method generates information regarding trends in use of resources, trends in status of selected resources, and trends of status of household 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.

The Focus Group Discussion (FGD) was conducted on February 16, 2023 at around 6:00 to 8:15 in the evening at So. Tawang, Tambangan, Sta. Cruz, Marinduque. It was facilitated by PASu Emeterio M. Recto together with EMS II Alvin L. Pergis, EMS 1 Glaiza Peñaflorida, EMS 1 Niña Jane Mendoza, JO Sherwin M. Milaya, PR Amando R. Rivamonte, Jr. FPO Michael R. Rocha, UW Jimmy Linga & FRA Manuel Ordillano of DENR-PAMO; Mr. Manny Prieto, Ms. Jell Mariel Riego & Mr. Aldrin Q. Almonte of LGU Sta. Cruz; and Mr. Dante De Luna of PG-ENRO.

According to data collected during the Community Monitoring Group (CMG) Focus Group Discussion (FGD), disturbance / destruction of forests that continuously improve forest vegetation and wildlife has not yet been reported and recorded.

2. Field Diaries

The diary are used by four (4) Protected Area Management Office (PAMO) Field Personnel during their regular patrolling. This method comprises standardized recording of their routinary field observations in the area specifically on biodiversity and resource used in a simple record book or data information sheet.

The information's gathered by the patrollers were defend on their own observations and/ or second hand information's from the stakeholders during the patrolling/monitoring activities.

3. Photo documentation

The same as the previous photo documentation, the site of rice field/ paddies and forest vegetation documented with photographs has remained intact and shows barely noticeable changes. There are also no extensions of farmlots and no new openings or kaingin in the adjacent areas.

4. 2 Kilometers Transect

The observation along the 2 KM transect took place in the early morning of February 17, 2023, (Friday) with a duration of approximately 2 hours from 7:01 to 9:23 in the morning.

Transect observation are somewhat similar to routinary patrolling using field diaries. However, transect are permanent demarcated routes where there are precise recommendations on where to walk, when to do it, and what to note. Transects are undertaken along Sitio Tawang of Brgy. Tambangan and Brgy. Masalukot, Santa Cruz going to Brgy. Tumagabok, Boac in the established two (2) kilometers permanent transect routes every semester.

Per data collected during the 2 KM transect, the walks observational census showed that 10 of the 15 priority species were observed and recorded with a total of 69 heads. **Colasisi** (*Colasisi*) was observed in station 01-02 to 07-08 and shows the highest number of registered heads of 13 priority species; followed by **Philippine Bulbul** (*Tampukiki*), **Rufous – Paradise Flycatcher** (**Managhoy**) was observed in all stations.

The species were registered in the lines of **Station 01-02 to 07-08** with a total of **18 species**, followed by the lines of station **00-01 to 06-07** with a total of **17 species** and station **00-01 to 07-08** with the total of **9 species**. However, when compared to previous observations in the transverse passage, the number of species recorded has decreased. Strong winds are the reason for the decline number of species observed. However, this is not an excuse to increase the number of species observed.

II. Proposed management interventions

Issue 1	Regular Patrolling / CEPA
Municipality	<ul style="list-style-type: none"> • Santa Cruz and Boac
Recommended PAMB Action	<ul style="list-style-type: none"> - Prepare map showing the identified boundaries of Brgy. Masalukot and Tambangan, Sta. Cruz. - Invite some nearest stakeholders of Brgy. Masalukot during the Focus Group Discussion (FGD), Transect walk observations and photo documentation. - Continuous monitoring of the BMS adjoining vicinities such as Brgys. of Nangka & Sibuyao, Torrijos for the prevention of possible illegal forest activities that will affects biodiversity in the area. - Continuous conduct of Communication, Education and Public Awareness (CEPA) among stakeholders during the conduct of LAWIN and regular patrolling.
Supportive BMS Information	<ul style="list-style-type: none"> - Outputs during the conduct of FGD were very useful in the future planning. It was actively participated by the Community Monitoring Group (CMG). -Stakeholders shared their observations with regards to biodiversity status in the area. -Some felled trees along the 2-km. transect line due to previous typhoon that hit the province is still intact in the area and it showed that stakeholders were already aware on protected area policies.

Issue 2	Prevention of wildlife hunting, slash & burn farming, timber pouncing & gold panning
Municipality	Sta. Cruz, Torrijos & Boac
Recommended PAMB Action	<ul style="list-style-type: none"> - Regularly monitor the identified hot spot areas including the adjoining vicinities of BMS to prevent the possible illegal activities such as: gold panning, slash and burn farming, timber pouncing, wildlife hunting, etc. - Regular conduct of Comunication, Education and Public Awareness (CEPA) among stakeholders during the conduct of LAWIN and regular patrolling.

	<ul style="list-style-type: none"> -Provision of sustainable livelihood programs for the stakeholders. -Continuous coordination from partner agencies e.g. Provincial Government, Academe, CDA, DOLE, DOST, DTI, DSWD, and/or private sectors regarding livelihood projects.
Supportive BMS Information	<ul style="list-style-type: none"> -Based on the regular photo documentation conducted during BMS, it shows that no further expansion and kaingin has been noticed in the area in their respective developed farmlots. -Likewise, the results of Focal Group Discussion and 2KM. transect walk observations on flora & fauna shows increasing/improving.

1. Important Observations

	Species or Resource use (only 2-4 most important)	Changed Observed and reasons	Proposed Action
Field Diary During patrolling (incl. Spot report)	<ul style="list-style-type: none"> - Rattan - Pako' - Labuyo (<i>Phil. Red jungle fowl</i>) - Umamban - Colasisi - Felled trees 	<ul style="list-style-type: none"> - At present, no stakeholders gathered/hunted said species due their awareness on PA policies except to field trees/branches were allegedly used as fire-wood by some tenured migrant in cooking their food during the time of farming. 	<ul style="list-style-type: none"> - Field men were instructed to conduct continuous monitoring in the area.
Photo documentation	N/A	<ul style="list-style-type: none"> -No observed destruction in its landscape and showed improvement in vegetation. (Municipalities of Sta.Cruz & Torrijos) 	<ul style="list-style-type: none"> -Continuous monitoring in the area.

Transect Walk	Priority Species Birds: <ol style="list-style-type: none"> 1. Balicassiao (Balikasyaw) 2. White – eared Brown – Dove (Hamukon) 3. Black – naped Oriole (Kilyawan) 4. Colasisi (Kulasisi) 5. Rufous – Paradise Flycatcher (Managhoy) 6. Philippine Pygmy Woodpecker (Manogtog) 7. Yellow – throated Leafbird (Pisiw) 8. Philippine Bulbul (Tampukiki) 9. Cream – bellied Fruit – Dove (Umamban) 	Municipality of Sta. Cruz & Boac • Abundance of monitored wildlife species	-Continuous monitoring in the area.
Focus Group Discussion Sitio Tawang, Brgy. Tambangan, Sta. Cruz	- Some stakeholders collected of firewood from damaged / felled trees caused by typhoon within the adjoining areas of their farmlots. - They used it as firewood during time of farming or cultivating farmlot.	Municipalities of Sta. Cruz-Boac - Practices of some stakeholders to use firewood in cooking.	-Regulate the use of this resources.

4.1 Summary of Field Diary data 1st Semester of Year 2023

PA NAME: Marinduque Wildlife Sanctuary

FOCUS GROUP DISCUSSION

1st Semester 2023

FORMAT 1 (RESOURCES)

Location : Barangay Tambangan, Sta. Cruz, Marinduque

Date : February 16, 2023

Facilitators : Emeterio M. Recto, Alvin L. Pergis, Sherwin M. Milaya, Glaiza Peñaflorida, Niña Jane Mendoza

MGA LIKAS NA YAMAN	OBSERBASYON SA NAKALIPAS NA PANAHO	OBSERBASYON SA NGAYONG PANAHO	SANHI NG PAGBABAGO/ KARAGDAGANG
Gubat/Puno	-Mayabong ang kagubatan	- Mas mayabong, lumalago at dumarami ito	- Dahil sa pag-uulan - Walang nagkakaingin - Walang nagpuputol ng puno
Ilog/Busay/ Katubigan	- Nakakati/natutuyo / nangingilalim ang tubig	- Lumakas at sumagana ang tubig - Nangingibabaw ang tubig	- Dahil sa dala pag-ulan

Halaman	- Marami ang mga halaman at hindi na nauubos	- Patuloy na dumarami ang mga ito	- Dahil sa pag-uulan kaya dumarami ang mga halaman sa gubat at wala ng nangunguha nito
Hayop	- dumami ang hayop sa gubat	- Mas marami ang nakikita kaysa sa dati	- Bawal hulihin - Nanganganak/nangingitlog - Alam ang batas na bawal manghuli - Walang marunong maglatay
Klima	- Mainit na panahon kaya nangingilalim ang tubig	- Malamig/maulan na panahon - Minsan umiinit biglang uulan	- Climate change

FORMAT 2 (RESOURCES USED)

Location : Barangay Tambangan, Sta. Cruz, Marinduque

Date : February 16, 2023

Facilitators : SVEMS Emeterio M. Recto, EMSII Alvin L. Pergis, EMSI Glaiza

Peñaranda, TA Sherwin M. Milaya, EMS1 Niña Jane Mendoza,

Mr. Dante De Luna, Mr. Manny Prieto, Ms. Jell Mariel Riego & Mr. Aldrin Almonte

Resources Use	Place Extracted	Method of Extraction	Quantity Extracted	Quantity Extracted by others in Brgy.	Total No. of Hrs./Days Spent in Extraction by CMG	Uses and Other Remarks
Banagan	Sapa/ilog/busay	Pinupulot/kinakapa	½ kilo	Wala	2 hrs.	Pang-ulam lamang
Panggatong	Niyogan	Pinalakol/itak	1 bigkis	Wala	3 oras	Pansarili lamang
Niyog	Ilog/niyogan	Kinawit/pinulot	20 piraso 24 sako	Wala	1 oras 1 buwan	Pansarili lamang binebenta
Uway	Gubat	Inubod	7 piraso	Mayroon	1 oras	Pang-ulam
Hipon	wala	wala	wala	wala	wala	wala
Hito	wala	wala	wala	wala	wala	wala
Kabakab	wala	wala	wala	wala	wala	wala

FORMAT 3 (RESOURCES USED)

Location : Barangay Tambangan, Sta. Cruz, Marinduque

Date : February 16, 2023

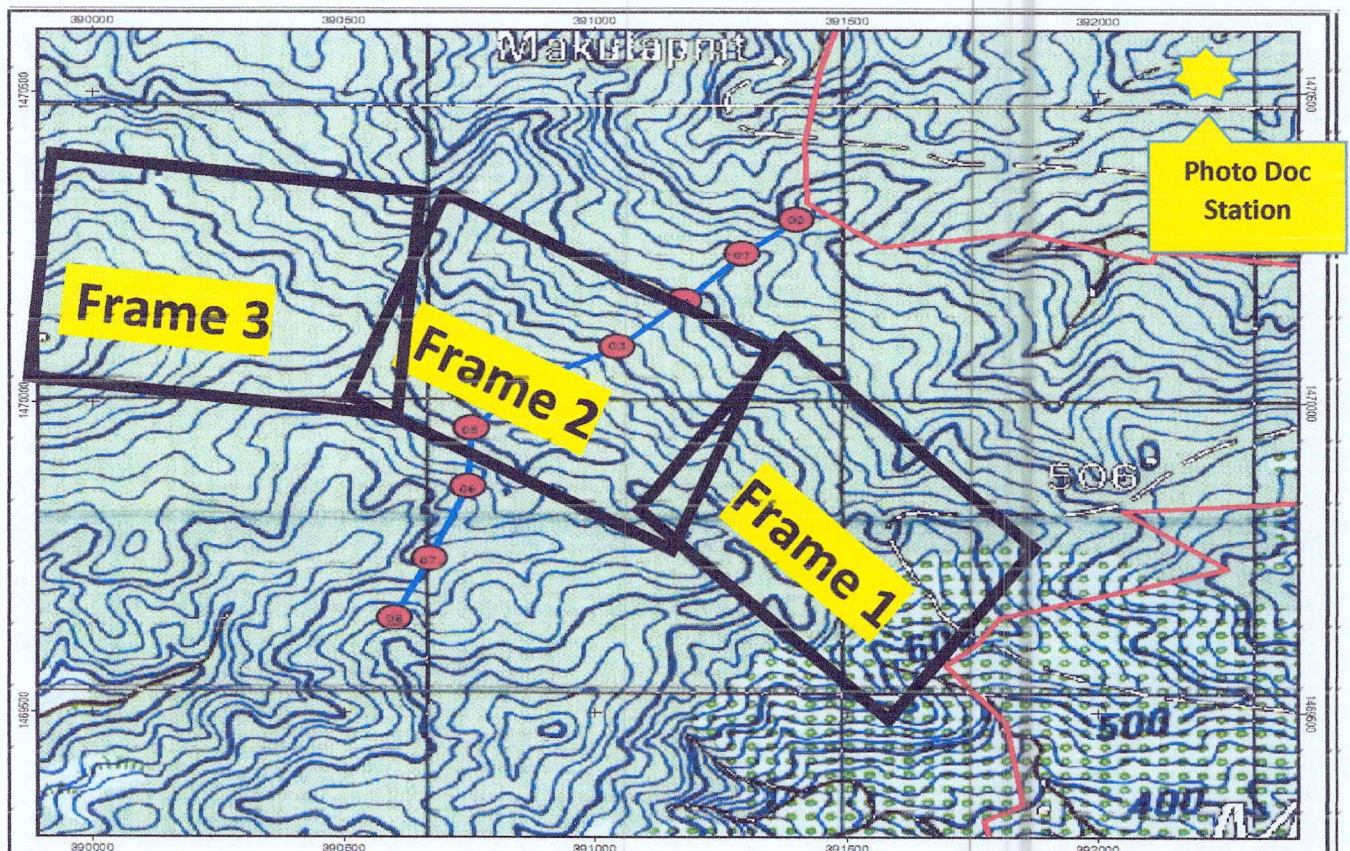
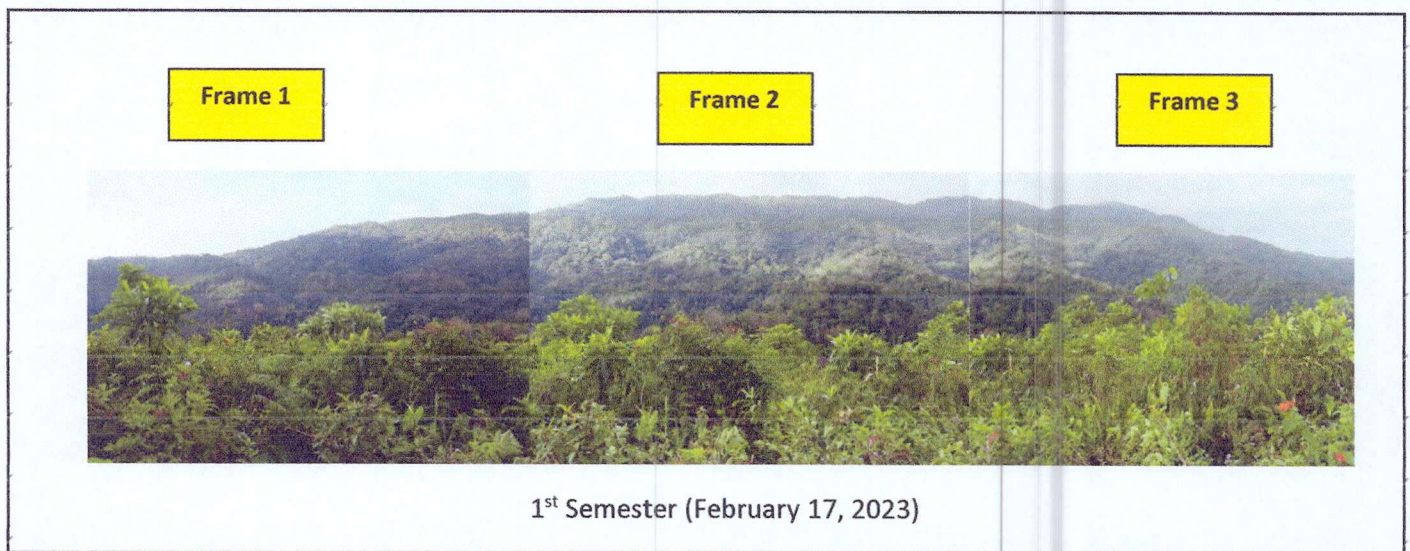
Facilitators : SVEMS Emeterio M. Recto, EMSII Alvin L. Pergis, EMSI Glaiza Peñaranda, TA Sherwin M. Milaya, EMS1 Niña Jane Mendoza, Mr. Dante De Luna, Mr. Manny Prieto, Ms. Jell Mariel Riego & Mr. Aldrin Almonte

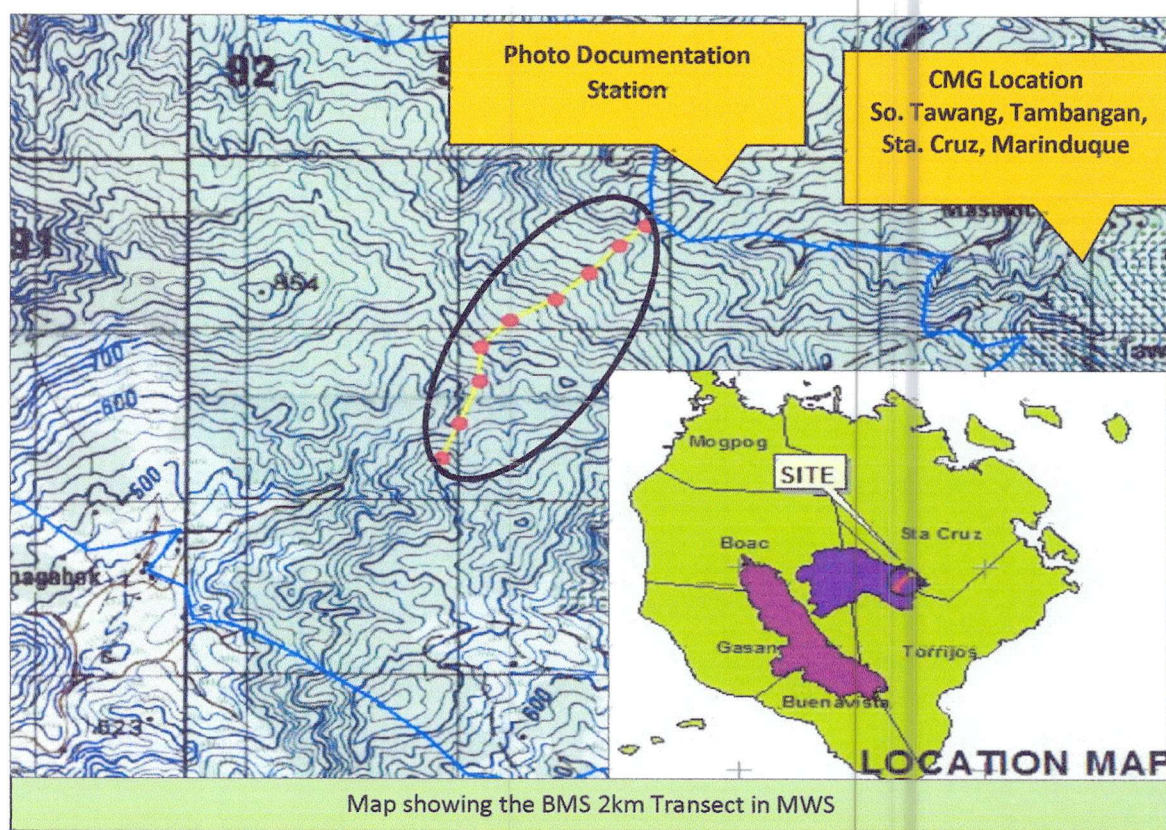
SPECIES	PLACE OBSERVED	NO.	HOW OBSERVED	DATE (2023)	NAME OF OBSERVER	REMARKS
Unggoy	Tabing Ilog Tayab Tabugao	5 1 10	Nakita Nakita nakita	Jan. 12 Feb. 15 Feb. 16 11:30 am	Leticia Rioflorido Arby Redugerio Mario Rocha	-Kumakain ng saging -Nakaakyat sa puno -Nasa taas ng punong kahoy
Tariktik	Tayab	3	nakita	Feb. 16 12:03pm	Arby Redugerio	-Nakadapo sa Puno
Paniki/ Bayakan	Malapit as bahay ni Marilou Pilar	1	Nakita	Jan. 24 7:00 pm	Niña Mendoza	-Nakadapo sa puno ng bulaksina
Sawa(ahas)	wala	wala	wala	wala	wala	wala
Pagong	wala	wala	wala	wala	wala	wala
Umamban	wala	wala	wala	wala	wala	Dahil sa pag ulan
Talamsik	wala	wala	wala	wala	wala	Dahil sa pag ulan
Kilyawan	Ilaga ng Tawang	2	Nakita	Feb. 15 9 am	Isagani Rioflorido	Nakahapon sa sanga mangga
Lawin	Ermita	5	Nakita	Feb. 14	Arby Redugerio	Lumilipad lamang
uwak	Sitio Tawang/Niyogan	10	Nakita	Feb 16 2pm	Alexander Pastoral	Kumain ng sisiw at bibi
Piliw 2x	Sa may tubigan	12	Nakita	Feb. 14 2:00 pm	Isagani Rioflorido	Nasa Sanga nakahapon/
Kulo-kulo	Tabugao	6	Nakita	Feb. 16	Mario Rocha	Kumakain ng bunga ng haymit
Tirerendoy	Ermita	6	Nakita	Feb. 14	Isagani Rioflorido	Nakadapo sa puno
Labuyo	Sa Gubat	4	Napakinggan	Feb. 16	Isagani Rioflorido	

4.2 Summary of Photo Documentation data 1st Semester of year 2023

PA NAME: Marinduque Wildlife Sanctuary

Name of Photo Site	Code of Photo, if any	Date of Photo this Quarter	Date of Previous Photo	Date of First Photo	Total Number of times photo-graphed	Habitat change between photo this quarter and previous photo
So.Tawang, Brgy.Tambangan, Sta. Cruz		February 17, 2023	August 12, 2022			Continuously growth of forest trees and no extraction observed .

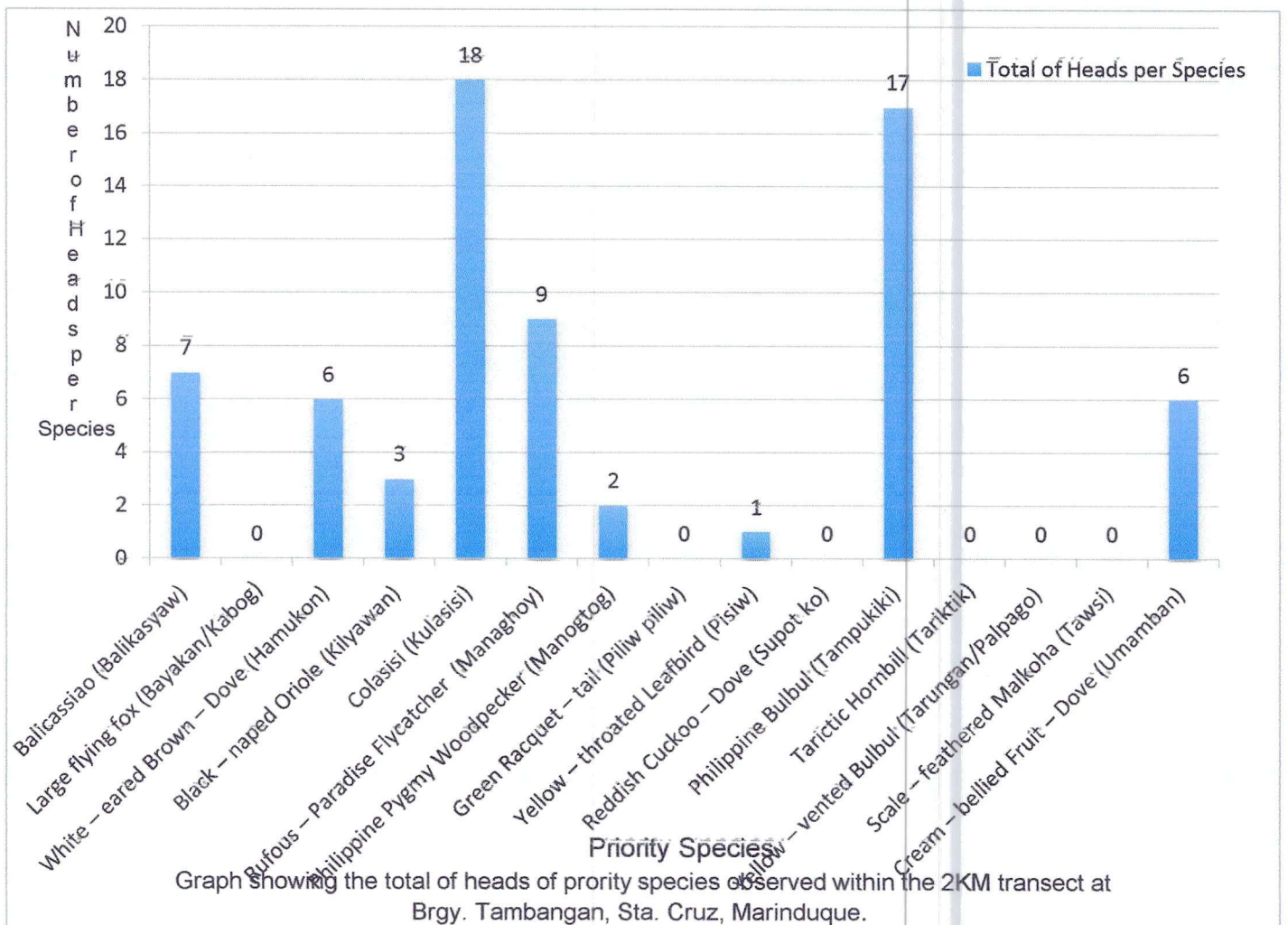
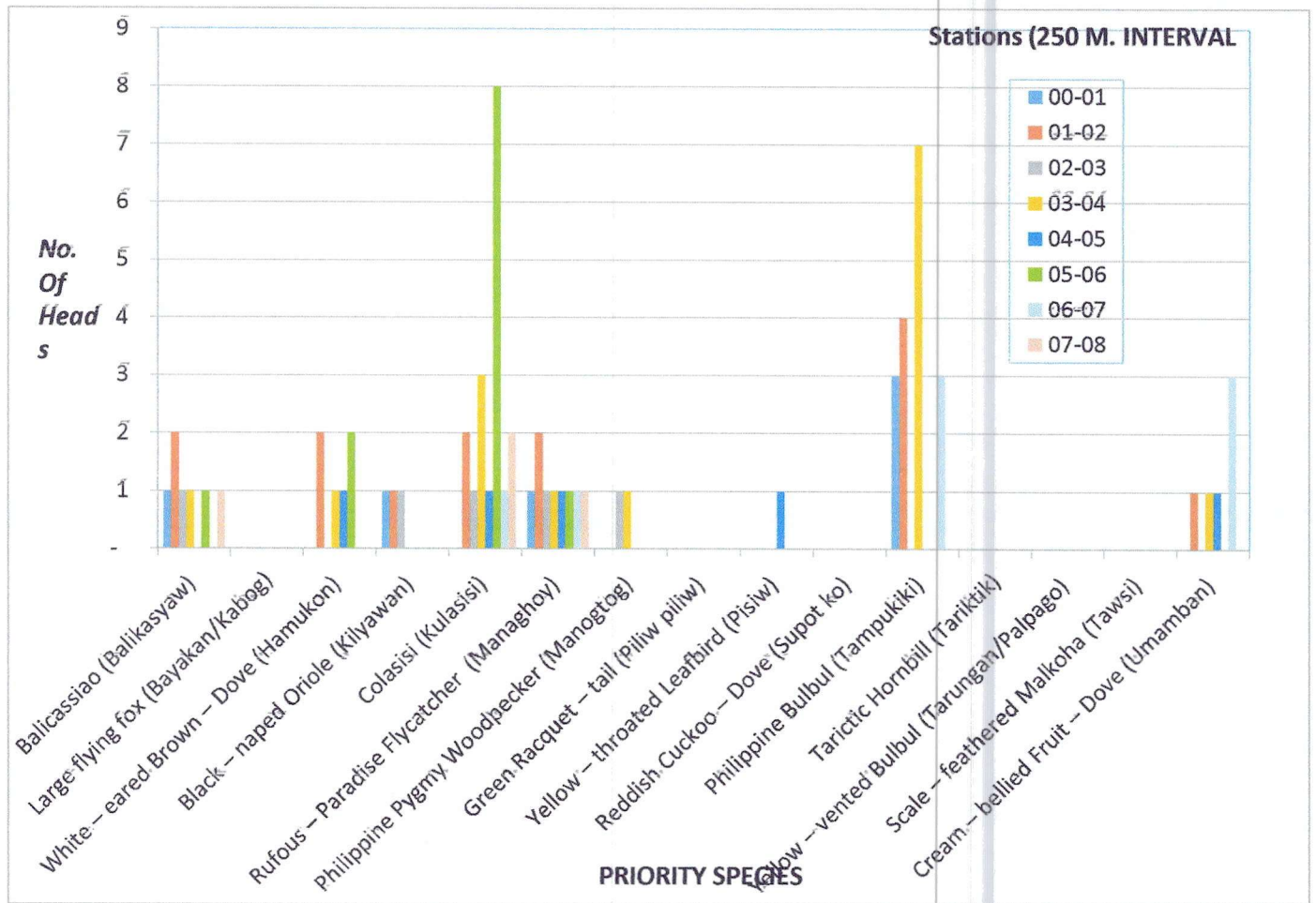


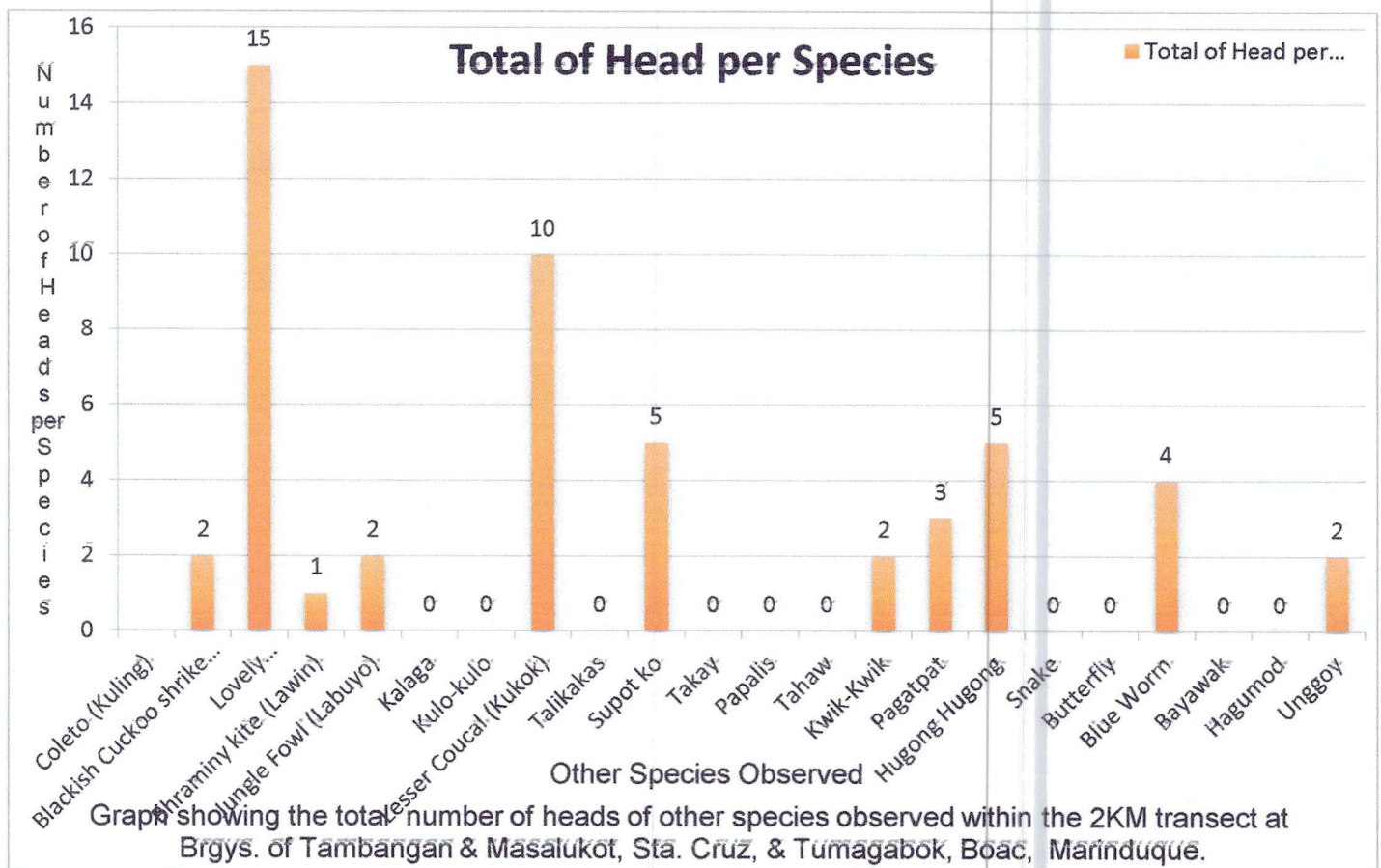
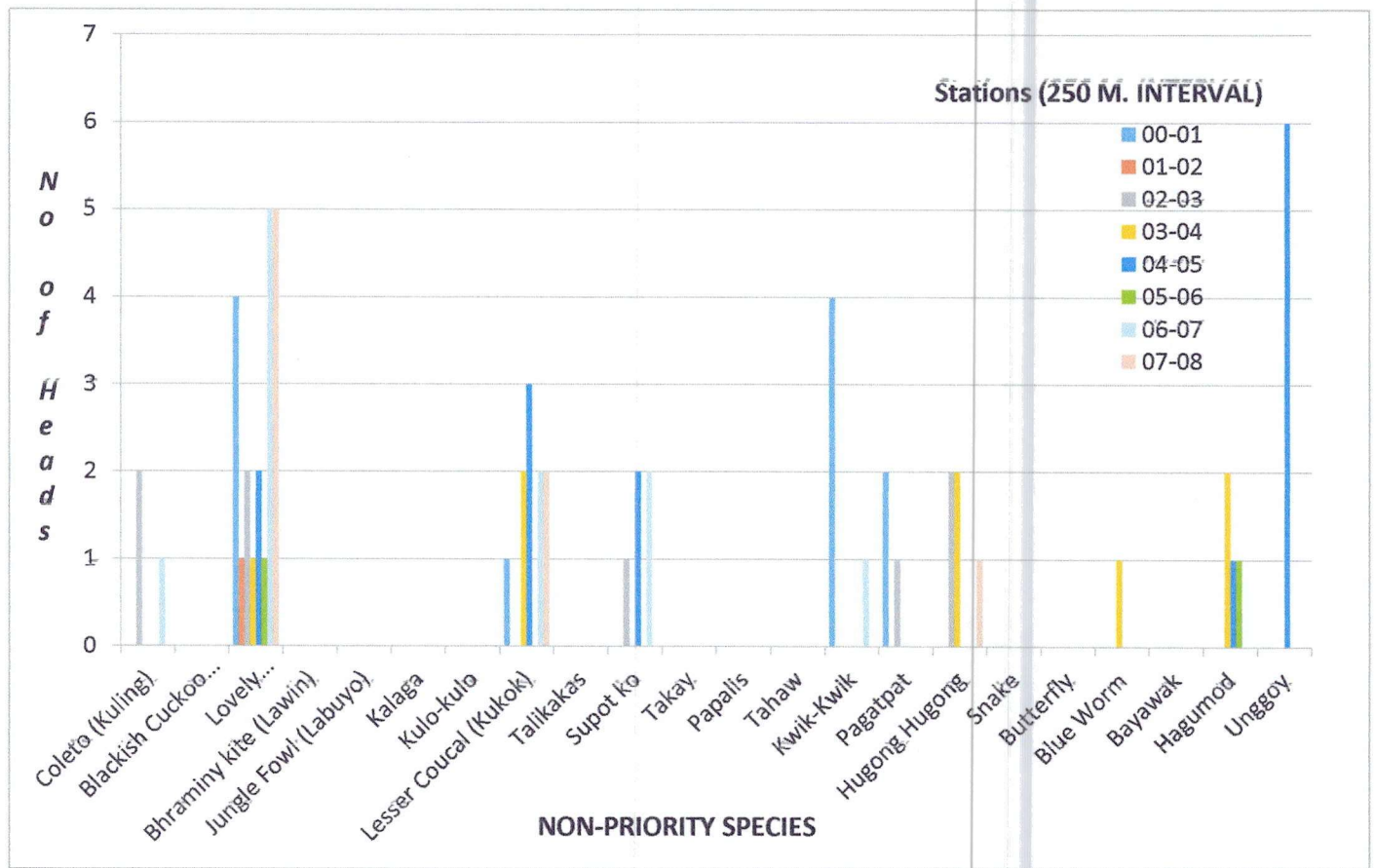


4.3 Summary of Transect data 1st Semester of Year 2023

PA Name: **Marinduque Wildlife Sanctuary**

Name of Transect route (incl. Barangay & Municipality)	Date of Survey this quarter	No. of times surveyed since established	Priority species and uses recorded	No recorded this quarter
Sitio Tawang, Brgy. Tambangan & Masalukot, Sta.Cruz & Brgy. Tumagabok, Boac	February 17, 2023		Birds:	
			Balicassiao (Balikasyaw)	7
			White – eared Brown – Dove (Hamukon)	6
			Black – naped Oriole (Kilyawan)	3
			Colasisi (Kulasisi)	18
			Rufous – Paradise Flycatcher (Managhoy)	9
			Philippine Pygmy Woodpecker (Manogtog)	2
			Yellow – throated Leafbird (Pisiw)	1
			Philippine Bulbul (Tampukiki)	17
			Cream – bellied Fruit – Dove (Umamban)	6





SUMMARY OF FIELD DATA FOR TRANSECT WALK

1st Semester, C.Y. 2023

Observer/Recorder: Manuel R. Ordillano, Sherwin M. Milaya, Amando R. Rivamonte, Jr. Glaiza M. Peñaflorida, Niña Jane L. Mendoza, Jimmy P. Linga, Emeterio M. Recto, Jell Mariel Riego, Aldrin Q. Almonte

Location: Tambangan, & Masalukot, Sta.Cruz & Brgy. Tumagabok, Boac, Marinduque

Length of Transect: 2 kms.

Date: February 17, 2023

Stn.	Time A.M.	Distance (m)	Count	Local Name	Common Name	Remarks	Observation
00-01	7:19	2	1	Managhoy	Rufous-Paradise FC	Heard	Maputik ang daan
	7:20	2	1	Talamsik	Lovely Sunbird	Heard	Maputik ang daan
	7:23	24	1	Kilyawan	Black-naped Oriole	Heard	May tumbang puno
	7:25	38	1	Tampukiki	Philippine Bulbul	Heard	Madawag ang gilid daan
	7:30	84	2	Tampukiki	Philippine Bulbul	Heard	May wildlings ng Narra
	7:35	106	1	Talamsik	Lovely Sunbird	Heard	Wildlings /endemic sp
	7:40	201	1	Kuling	Coletto	Heard	Madawag gilid ng daan
	7:42	206	1	Kukok	Lesser Coucal	Heard	Madawag ang gilid daan
	7:42	206	1	Balikasyaw	Balicassiao	Heard	Madamo ang gilid daan
01-02	7:31	42	1	Kulasisi	Colasisi	Seen	Madawag ang gilid daan
	7:32	56	1	Managhoy	Rufous-Paradise FC	Heard	May bakas ng kalabawa
	7:33	64	2	Tampukiki	Philippine Bulbul	Seen	Wildlings ng mahogany
	7:33	64	1	Kuling	Coletto	Seen	Tumbang puno/Mahogany
	7:33	64	1	Balikasyaw	Balicassiao	Seen	Madamo ang gilid ng daan
	7:34	72	2	Kwek-kwek	Kwek-kwek	Heard	Maputik ang daan
	7:36	114	1	Balikasyaw	Balicassiao	Heard	Wildlings ng Narra
	7:36	114	1	Managhoy	Rufous-Paradise Flycatcher	Heard	Madawag ang gilid daan
	7:38	223	1	Hugong hugong	Hugon-Hugong	Heard	May tumbang puno
	7:38	223	1	Kilyawan	Black-naped Oriole	Heard	Madawag ang gilid ng daan
	7:39	228	1	Kulasisi	Colasisi	Heard	May linya ng tubig/pvc
	7:40	230	2	Tampukiki	Philippine Bulbul	Seen	May linya ng tubig/pvc
02-03	7:41	58	1	Labuyo	Jungle Red Fowl	Seen	Station 2
	7:41	56	2	Unggoy	Phil Monkey	Seen	Maraming wildlings end. s
	7:42	102	2	Talamsik	Lovely Sunbird	Heard	Maraming wildlings/rattan
	7:44	110	2	Tawsi	Scale-feathered Malkoha	Seen	May puno ng rattan
	7:44	110	1	Managhoy	Rufous-Paradise FC	Seen	Madawag ang gilid daan
	7:44	110	1	Kulasisi	Colasisi	Seen	May sanga ng kahoy/daan
	7:48	120	1	Kilyawan	Black-naped Oriole	Heard	Wildlings ng rattan
	7:48	122	1	Balikasyaw	Balicassiao	Heard	Madamo ang gilid ng daan

	7:49	220	1	Manugtog	Philippine Pygmy Woodpecker	Seen	Madamo ang gilid ng daan
	7:49	220	1	Talamsik	Lovely Sunbird	Seen	May mga giant fern
03-04	7:50	2	1	Punay	Punay	Heard	Madawag ang gilid
	7:51	18	1	Tampukiki	Philippine Bulbul	Heard	Madamo gilid daan
	7:51	22	1	Manugtog	Philippine Pygmy Woodpecker	Heard	Madawag gilid daan
	7:52	57	1	Kulasisi	Colasisi	Heard	Mga sanga ng puno
	7:52	57	1	Pagatpat	Pagatpat	Heard	Madawag ang gilid ng daan
	7:53	65	1	Kulasisi	Colasisi	Heard	May tumbang puno
	7:55	89	1	Talamsik	Lovely Sunbird	Heard	Wildling ng endemic sp.
	7:56	101	3	Tampukiki	Philippine Bulbul	Seen	Madawag ang gilid
	7:57	194	1	Tampukiki	Philippine Bulbul	Heard	Madawag ang gilid ng daan
	7:59	194	1	Managhoy	Rufous-Paradise FC	Heard	Madamo ang daanan
	8:00	202	1	Tampukiki	Philippine Bulbul	Heard	Maraming sanga ng puno
	8:01	245	1	Kulasisi	Colasisi	Seen	May malalaking puno
	8:02	248	1	Talamsik	Lovely Sunbird	Seen	May mga malalaking puno
04-05	8:03	3	2	Pisiw	Yellow-throated Leafbird	Seen	Wildlings ng endemic sp.
	8:04	25	1	Kulasisi	Colasisi	Heard	May mga giant fern
	8:05	64	1	Talamsik	Lovely Sunbird	Seen	-do-
	8:06	109	1	Talamsik	Lovely Sunbird	Heard	-do-
	8:07	109	1	Tawsi	Scale-feathered Malkoha	Seen	Wildlings ng rattan
	8:08	109	1	Talamsik	Lovely Sunbird	Seen	Wildlings ng rattan
	8:10	230	1	Balikasyaw	Balicassiao	Seen	Madawag ang gilid ng daan
	8:14	230	1	Umamban	Cream-bellied Fruit-dove	Seen	Wildlings ng endemic sp.
	8:15	232	1	Tawsi	Scale-feathered Malkoha	Heard	May giant fern
	8:16	240	1	Tampukiki	Philippine Bulbul	Seen	Madawag gilid daan
05-06	8:17	17	1	Managhoy	Rufous-Paradise FC	Heard	Wildlings ng endemic sp.
	8:20	17	1	Talamsik	Lovely Sunbird	Seen	May malalaking puno
	8:24	74	2	Kulasisi	Colasisi	Seen	Madawag ang gilid daan
	8:26	74	1	Pagatpat	Pagatpat	Heard	Madamo ang daan
	8:27	136	4	Kulasisi	Colasisi	Heard	May puno ng Lipa
	8:29	208	4	Kulasisi	Colasisi	Heard	May puno ng Lipa
06-07	8:30	27	1	Talamsik	Lovely Sunbird	Seen	May wildlings ng rattan
	8:35	106	1	Tampukiki	Philippine Bulbul	Seen	Madawag /both sides- daan
	8:37	156	1	Talamsik	Lovely Sunbird	Heard	-do-
	8:38	136	1	Tampukiki	Philippine Bulbul	Heard	-do-
	8:40	220	1	Kulasisi	Colasisi	Heard	May puno ng Lipa
	8:55	230	1	Lawin	Braminy kite	Seen	May puno ng Lipa
07-08	9:10	5	2	Talamsik	Lovely Sunbird	Heard	May puno ng wild banana

	9:15	42	1	Pagatpat	Pagatpat	Seen	Madamo-both sides daan
		45	1	Bato-bato		Seen	Madamo/both sides daan
	9:16	57	1	Managhoy	Rufous-Paradise FC	Seen	Madawag ang both sides
	9:17	60	1	Hagumod		Seen	May sanga ng puno sa gilid
	9:17	156	2	Kulasisi	Colasisi	Heard	May sanga ng puno sa gilid
	9:18	240	1	Tampukiki	Philippine Bulbul	Heard	May matataas na puno
	9:19	240	1	Balikasyaw	Balicassiao	Heard	May matataas na puno
08	9:21	250	2	Hamukon	White-eared brown Dove	Heard	Station 8/Mataas ang puno

SUMMARY OF FIELD DATA FOR TRANSECT WALK

1st Semester, C.Y. 2023

Observer/Recorder: PASu Emeterio M. Recto, FRA Manuel R. Ordillano, TC Sherwin M. Milaya, PR Amando R. Rivamonte, Jr., EMS1 Glaiza M. Peñaranda, EMS1 Niña Jane L. Mendoza, Ms. Jell Mariel Riego, Mr. Aldrin Q. Almonte

Location: Brgy. Tambangan, Sta.Cruz & Brgy. Tumagabok, Boac, Marinduque

Length of Transect: 2 kms.


Date: February 17, 2023

PRIORITY SPECIES	SCORE	SUM	Relative Abundance (n/N)	% Frequency
Balicassiao (Balikasyaw)	IIII-II	7		
White – eared Brown – Dove (Hamukon)	IIII-I	6		
Black – naped Oriole (Kilyawan)	III	3		
Colasisi (Kulasisi)	IIII-IIII-IIII-III	18		
Rufous – Paradise Flycatcher (Managhoy)	IIII-IIII	9		
Philippine Pygmy Woodpecker (Manogtog)	II	2		
Yellow – throated Leafbird (Pisiw)	I	1		
Philippine Bulbul (Tampukiki)	IIII-IIII-IIII-II	17		
Cream – bellied Fruit – Dove (Umamban)	IIII-I	6		

NON PRIORITY SPECIES	SCORE	SUM	Relative Abundance (n/N)	% Frequency
Blackish Cuckoo shrike (Uwak)	II	2		
Lovely Sunbird/Mountain Whit Eye (Talamsik)	IIII-IIII-IIII	15		
Bhraminy kite (Lawin)	I	1		
Jungle Fowl (Labuyo)	II	2		

Lesser Coucal (Kukok)	-	10		
Supot ko		2		
Kwik-Kwik		3		
Pagatpat		3		
Hugong Hugong		5		
Blue Worm		4		
Unggoy		2		

Prepared by:


SHERWIN M. MILAYA
 Technical Support Staff


GLAIZA M. PENAFLORIDA
 EMS I

Reviewed by:


ALVIN L. PERGIS
 EMS II

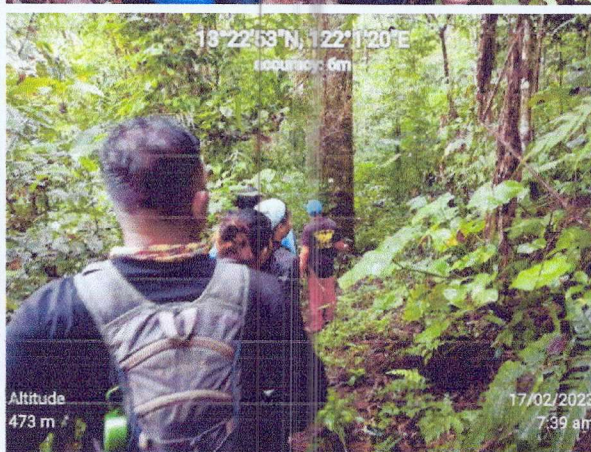
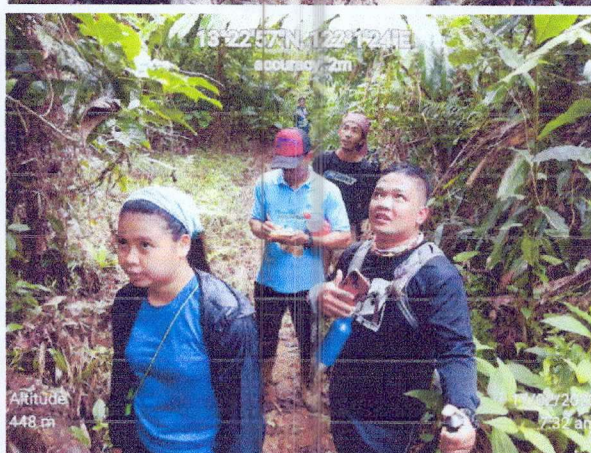
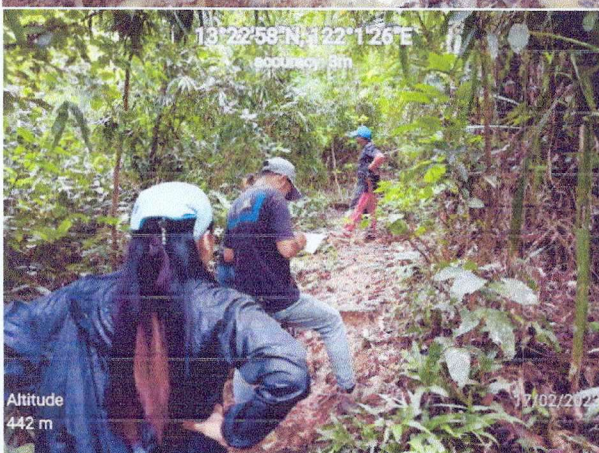
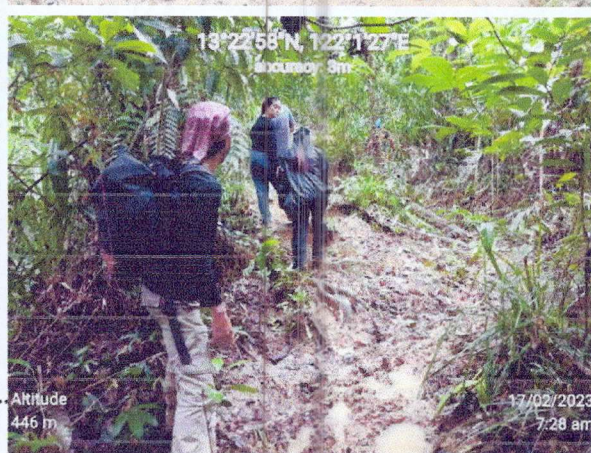
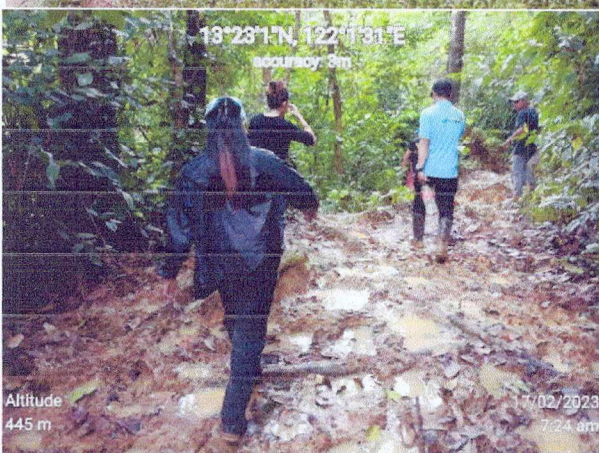
Noted by:


EMETERIO M. RECTO
 SVEMS/PASu

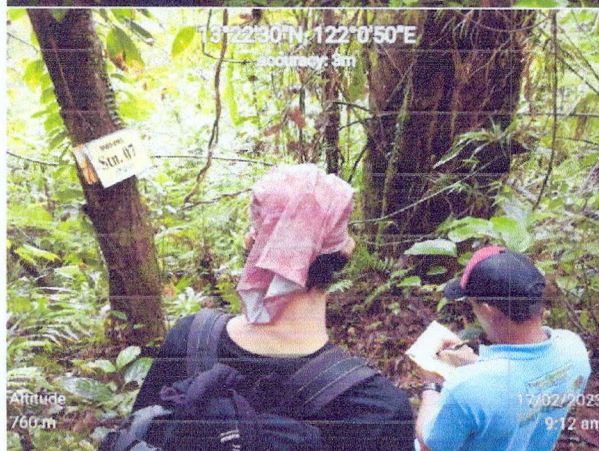
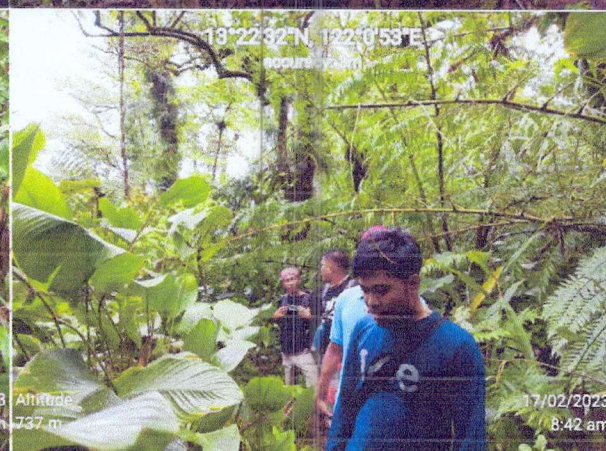
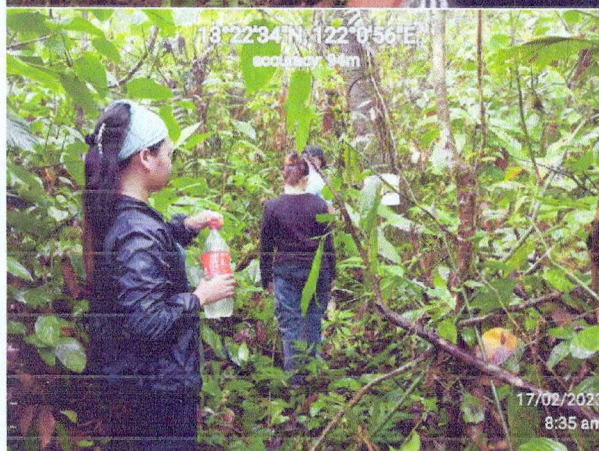
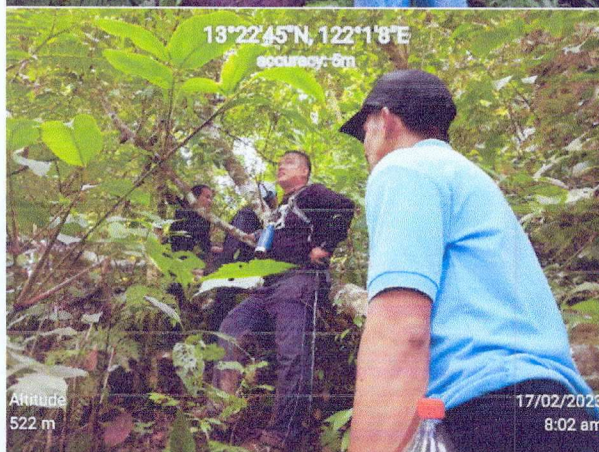
Pictures taken during Focal Group Discussion (FGD) conducted on February 16, 2023. It was participated by Community Monitoring Group (CMG) of Brgy. Tambangan, Sta. Cruz, Marinduque.



Pictures taken during the conduct of 2km transect walk observation on February 17, 2023 from station 00 to station 08 at Sitio Tawang, Brgy. Tambangan, Masalukot, Sta.Cruz going to Brgy. Tumagabok, Boac, Marinduque.



Pictures taken during the conduct of 2km transect walk observation on February 17, 2023 from station 00 to station 08 at Sitio Tawang, Brgy. Tambangan, Brgy. Masalukot, Sta. Cruz going to Brgy. Tumagabok, Boac, Marinduque.



Geo-tagged photos of felled trees and branches damaged by the previous typhoon found along the 2KM transect route.

