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MEMORANDUM

FOR : The Regional Executive Director
DENR MIMAROPA Region
1515 L&S Bldg., Roxas Blvd.
Ermita, Manila

THRU : The PENR Officer
DENR-PENRO Palawan
Santa Monica, Puerto Princesa City
Palawan

FROM : The OIC, CENR Officer
CENRO Calamianes Islands

SUBJECT : **REPORT ON LAWIN MONITORING AND PATROLLING
ACTIVITIES OF BPRMO WITHIN THE FOREST
CONSERVATION AREA (FCA) OF BPR FOR THE MONTH
OF FEBRUARY 2023**

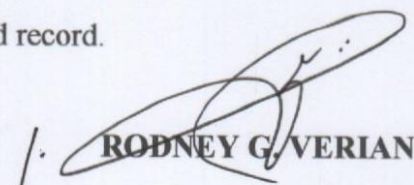
DOCUMENTS
ATTACHED : 1. BPRMO Report on Lawin Accomplishment for February 2023

DATE : MAR 21 2023

Respectfully forwarded is the report of the BPR Management Office for the month of February 2023 Lawin Monitoring and Patrolling Accomplishments. Based on the report, the BPRMO patrolled a total of 28.79 km or 95.98% of their monthly target as per BRPMO's 1st Quarter Lawin Patrol Plan of 2023.

For the Regional Executive Director's information and record.




ROBNEY G. VERIAN
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Republic of the Philippines
Department of Environment and Natural Resources
FOREST MANAGEMENT BUREAU
Visayas Avenue, Diliman, 1100 Quezon City
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MEMORANDUM

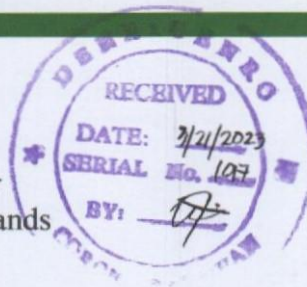
FOR : The OIC, CENR Officer
CENRO Calamianes Islands
Coron, Palawan

FROM : The BPR Management Office Technical Personnel

SUBJECT : **REPORT ON LAWIN MONITORING AND PATROLLING
ACTIVITIES OF BPRMO WITHIN THE FOREST CONSERVATION
AREA (FCA) OF BPR FOR THE MONTH OF FEBRUARY 2023**

DOCUMENTS
ATTACHED : 1. BPRMO SMART-generated report

DATE : **MAR 21 2023**



Forest Management Bureau
**BPR MANAGEMENT OFFICE
RELEASED**

Date: **03.21.2023**
By: **Age** PP **11/184/5**
Ref. Code: **LA0319**

With the implementation of the Lawin Monitoring and Patrolling System, respectfully submitted is the detailed report of the Busuanga Pasture Reserve Management Office (BPRMO) on the results of the Lawin monitoring and patrolling conducted in the Municipalities of Coron and Busuanga, Palawan within the BPR area for the month of February 2023.

I. Findings and Result

Two (2) Patrol Teams are dispatched during the conduct of this activity within the Forest Conservation Area (FCA) of BPR situated in the Municipalities of Coron and Busuanga, Palawan. The target distance for the month of February 2023 is 30 kilometers (km) based on the Lawin Patrol Plan for the 1st Quarter of 2023. For clarifications, the overall total distance synched to SMART Desktop of BPR is 48.64 km due to unforeseen device/ GPS error of cybertracker application used by the patrollers. As a result, the patrol of BPRMO personnel on February 17, 2023 is 19.20 km based on the device and considered as void and was not counted to the total distance accomplished by the personnel. Thus, for the month of February, the BPRMO Patrol were able to traverse an aggregate distance of 28.79 km or 95.98 % (Table 1).

Table 1. BPRMO LAWIN monitoring and patrolling accomplishment for February 2023

Month	Target (km)	Accomplishment (km)	Difference (km)	Accomplishment (%)
February	30	48.64 (overall)	18.64	162.14
Feb 17, 2023	(void)	(-19.20)	--	--
February	30	28.79 (total)	-1.20	95.98

**The accomplishment rate is computed based on the 30 kilometer target per CENRO/CA per month compared to the sum of the distance patrolled per CENRO/CA.*

Table 2 shows a total of 323 Forest Condition Counts (FCCs) recorded during the patrolling. Open-Uncultivated (OUC) appears to have the highest figure recorded for February 2023 with 178 counts or 55%, while Old Growth Forest (OGF) has the least recorded observation with no counts or 0%. The remaining forest conditions such as Advanced Secondary Forest (ASF), Early Secondary Forest (ESF) and Open-Cultivated (OC) with corresponding total figures of 23 (7%), 49 (15%), and 73 (23%), respectively. Based on the SMART analysis, the total FC with the good condition has a total count of 72 or 22% which includes OGF, ASF, and ESF.

Table 2. Patrol Observation: Forest Condition Counts

Forest Condition											
OGF		ASF		ESF		OUC		OC		Total	
Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
0	0	23	7	49	15	178	55	73	23	323	100

OGF-Old Growth Forest. ASF-Advance Secondary Forest. ESF-Early Secondary Forest. OUC-Open, Un-cultivated. OC-Open, Cultivated

For the presence of natural regenerants, 76 FCCs or 23.5% of the total FCC was recorded with the presence of natural regenerants while 247 FCCs or 76% were with the absence of natural regenerants. There were no recorded dense natural regenerant, while one twenty-nine (29) FCCs or 9% and fourty-seven (47) or 15% recorded as moderate and sparse natural regenerants, respectively (Table 3).

Table 3. Patrol Observation: Natural Regenerant Count

Regenerants											
Presence of Regenerant								No Regenerants		Total Forest Condition	
Dense		Moderate		Sparse		Total					
Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
0	0	29	9	47	15	76	23.5	247	76	323	100

Table 4 shows the observed and recorded threats within the FCA of BPR. A total of thirteen (13) threats were observed and recorded during the Lawin Patrolling for the month of February and this was accounted to six (6) slash and burn farming (kaingin) and seven (7) cutting of trees.

Table 4. Patrol Observation: Threat Count

Threats	No. of observation
Slash and Burn Farming (Kaingin)	6
Cutting of Trees	7
Total	13

As can be viewed from the map in Annex C, the threats observed/documented in the FCA during the month of February 2023 are found in Barangays of Buluang, Old Busuanga, Busuanga, and Barangays of Bintuan to Guadalupe, Coron, Palawan. The current threat index for this month was computed as approximately 0.33 threats per kilometer (T/Km). However, the value could be lower if the patrol on February 17, 2023 will be deleted since it was considered as void due to device error as indicated in the Part I.

II. Future Actions

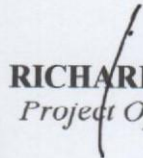
As initial action of the BPRMO on the threats observed/ recorded during the conduct of Lawin activity, will send a communication letters to the concerned barangays for their information regarding the illegal activities in their area within BPR.

III. Remarks and Recommendations

1. Frequency of the visibility of patrolling and Lawin monitoring within the Forest Conservation Area of BPR is being intensified to include weekends, if necessary, in order to prevent and immediately address any possible threats within the forested areas of BPR;
2. As stipulated in the future actions, will send letter addressed to the concerned Barangays with a record of threats observed in every conduct of Lawin patrolling and monitoring to inform and assists them if it requires urgent action;
3. Observed unlawful activities on the ground are being thoroughly investigated and documented and filing of appropriate criminal complaints against the offenders pursuant to Presidential Decree No. 705 and other environmental laws, if so warrant;
4. For this year, this office is targeting the conduct of seminar/IEC to the Local Government Unit (LGUs) /Sangguniang Bayan for information of unlawful activities within the area covered by the BPR in their municipality; to provide awareness and possible collaboration for crafting possible solutions on the recorded illegal activities;
5. Conduct of rehabilitation activities such as tree planting, enrichment planting and assisted natural regeneration to maintain and accelerate the recovery of forest cover; and
6. The BPRMO will communicate through LAWIN Helpdesk for the deletion of error patrol data which was synched to the SMART Connect of the BPR.

For the OIC, CENRO's information, record and further instruction/s, if any.

Prepared by:


RICHARD JOHN P. GALAGATE
Project Operations Control Officer


DESIREE YVETTE A. SANDOVAL
Project Development Officer



Republic of the Philippines
Department of Environment and Natural Resources
Lawin Forest and Biodiversity Protection System

Summary Patrol Report

Region 04B - BPR

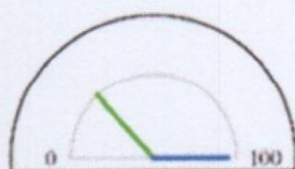
Number of days analyzed: 28

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This report presents the patrol performance and quality of the implementing unit during the above stated period of time (number of days). The report contains information on accomplishment rate, coverage and intensity of patrolling in different forest types on patrol distance covered per patroller. The information is meant to provide a basis for patrol planning for the next planning period and implementation of adaptive measures to enhance patrolling as necessary.

Overall accomplishment rate*

Level of Accomplishment



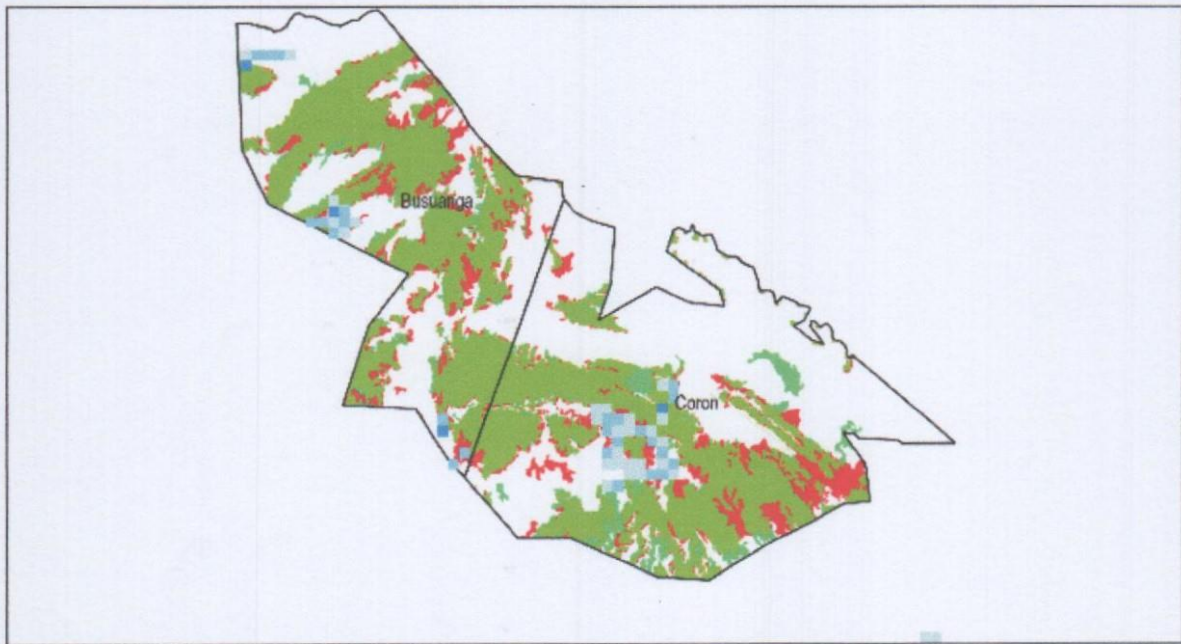
● Accomplishment
 ● Target

Accomplishment* for the period	Target* distance for the period
28.79	30

Accomplishment Rate:
 24.78

*Target is computed based on 10km target per team of 4 DENR patrollers per month

Patrol coverage and intensity



Patrol distance covered by each forest ranger

Forest Ranger	Patrol Distance Accomplished
Gricilito Lagao	48.00
Leonardo Puno	48.00
Michael Acbang	48.00
Richard Galagate	48.00
Rommel Gacayan	48.00



Forest Protection Effectiveness Report

Region 04B - BPR

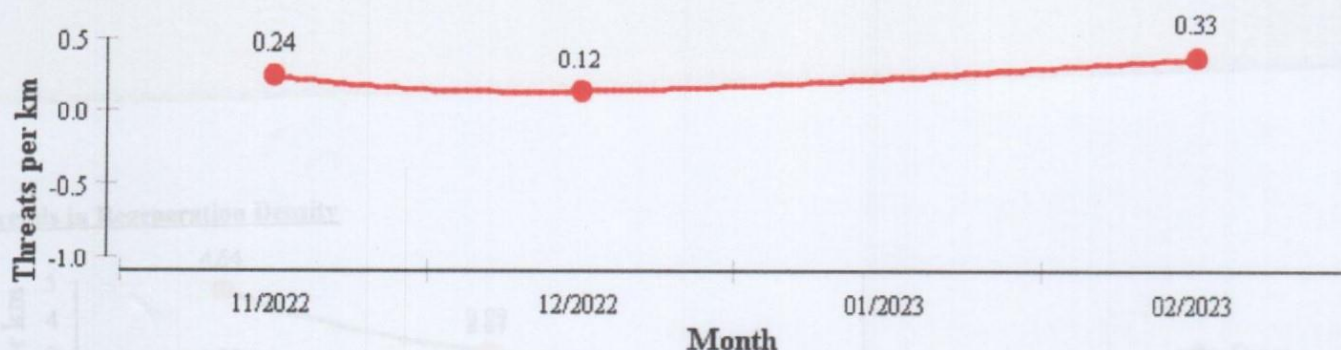
Number of days analyzed: 119

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This reports presents trends in observations of forest condition, regeneration, threats and indicator species. The combined presentation allows for an evaluation if protection efforts are effective, conservation targets are met and the forest achieves the desired future forest condition. Protection efforts are effective, when records of forest condition, regeneration and indicator species show an upward trend towards more observations more and denser regeneration, particularly in degraded forest areas. Increasing trends in indicator species suggest that the improved forest condition is providing a better habitat for forest dependent species. All trends presented are put in relation to the patrol effort to provide comparability. Forest cover data were derived from 2003 and 2010 NAMRIA land cover maps.

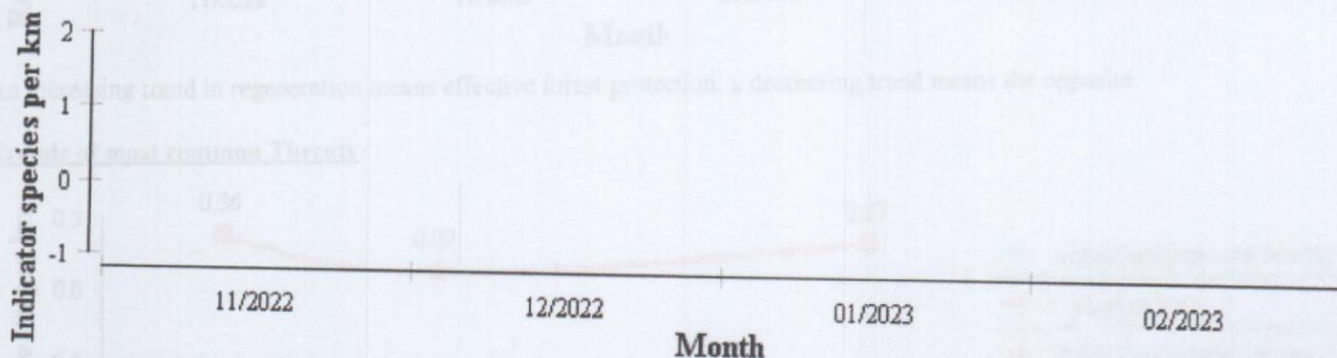
Trends of Observations per Patrol Kilometer in the Forest Conservation Area

Trend in Threats



A decreasing trend in threats in the forest conservation area means effective forest protection; an increasing trend means the opposite.

Trend in Indicator Species



An increasing trend in indicator species in the forest conservation area means effective forest protection; a decreasing trend means the opposite.

*Note: In the month of January, there is no Lawin activity by the BPR/ANR personnel due to the personnel were not yet returned until February 2023.



Republic of the Philippines
Department of Environment and Natural Resources
Lawin Forest and Biodiversity Protection System

Summary Threat Report

Region 04B - BPR

Number of days analyzed: 28

Mar 19, 2023 8:30 PM

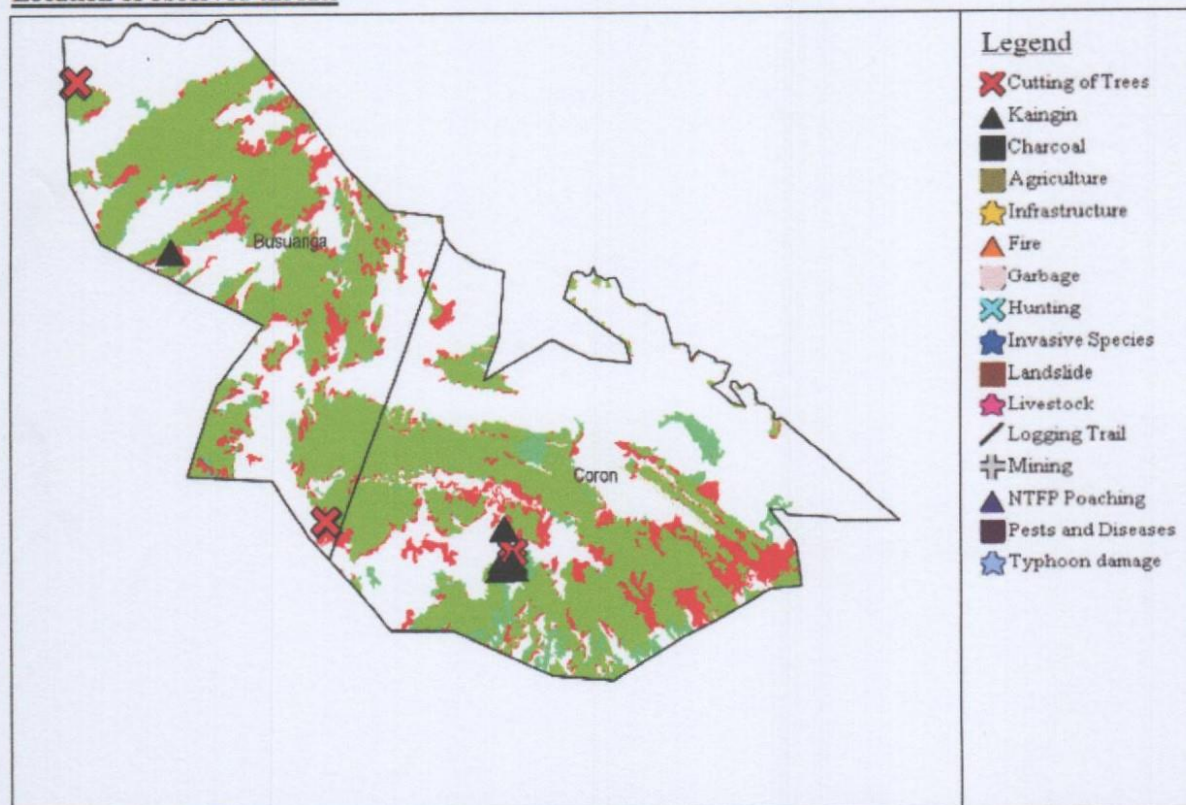
This report presents information for the implementing units of DENR to effectively plan and carry out actions for addressing observed threats to the forest.

Threats observed and level of response required

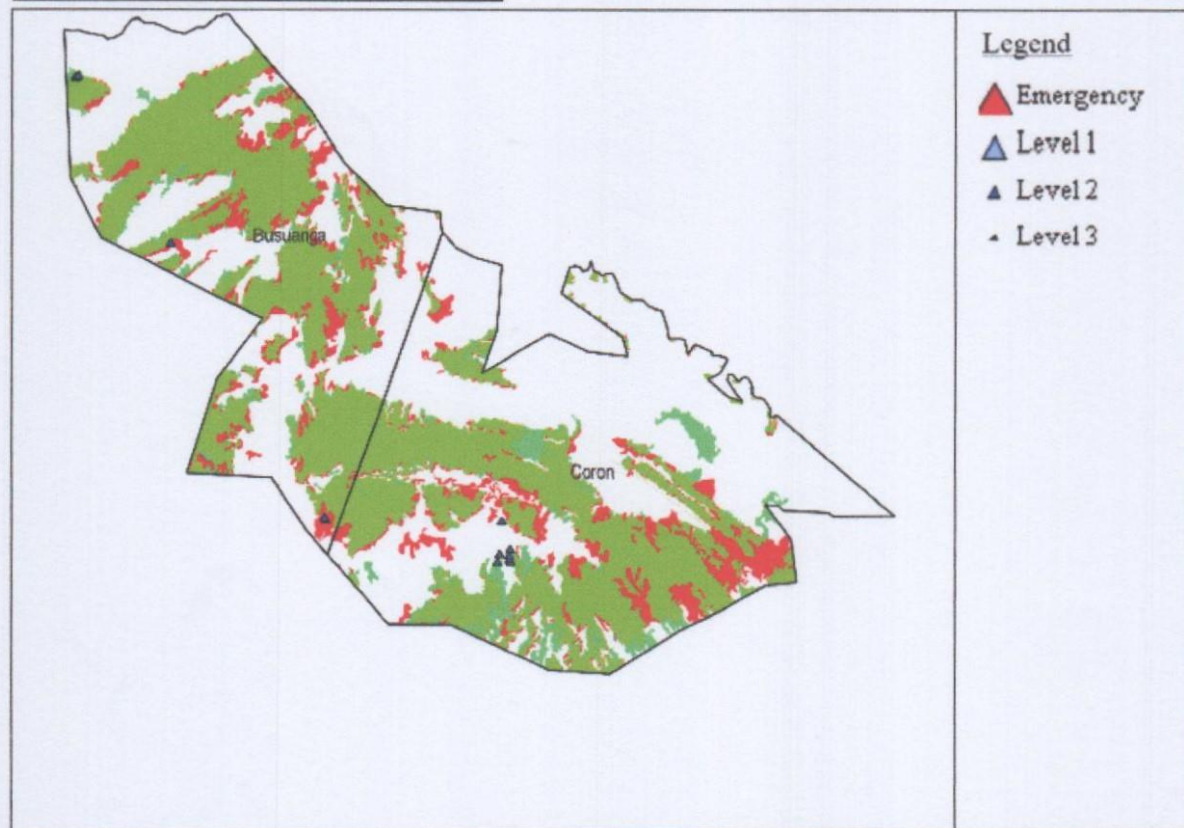
Threat	No. of Observations	Emergency - Immediate action required!	Level 1 - Action required within a week	Level 2 - Action required within a month
Cutting of Trees	10 (-3 void) = 7	0	0	10 (-3 void) = 7
Slash and Burn Farming (Kaingin)	6	0	0	6

**note : the patrol of BPRMO personnel on February 17, 2023, is considered as void and was not counted to the total distance accomplished by the personnel as well as the threats recorded*

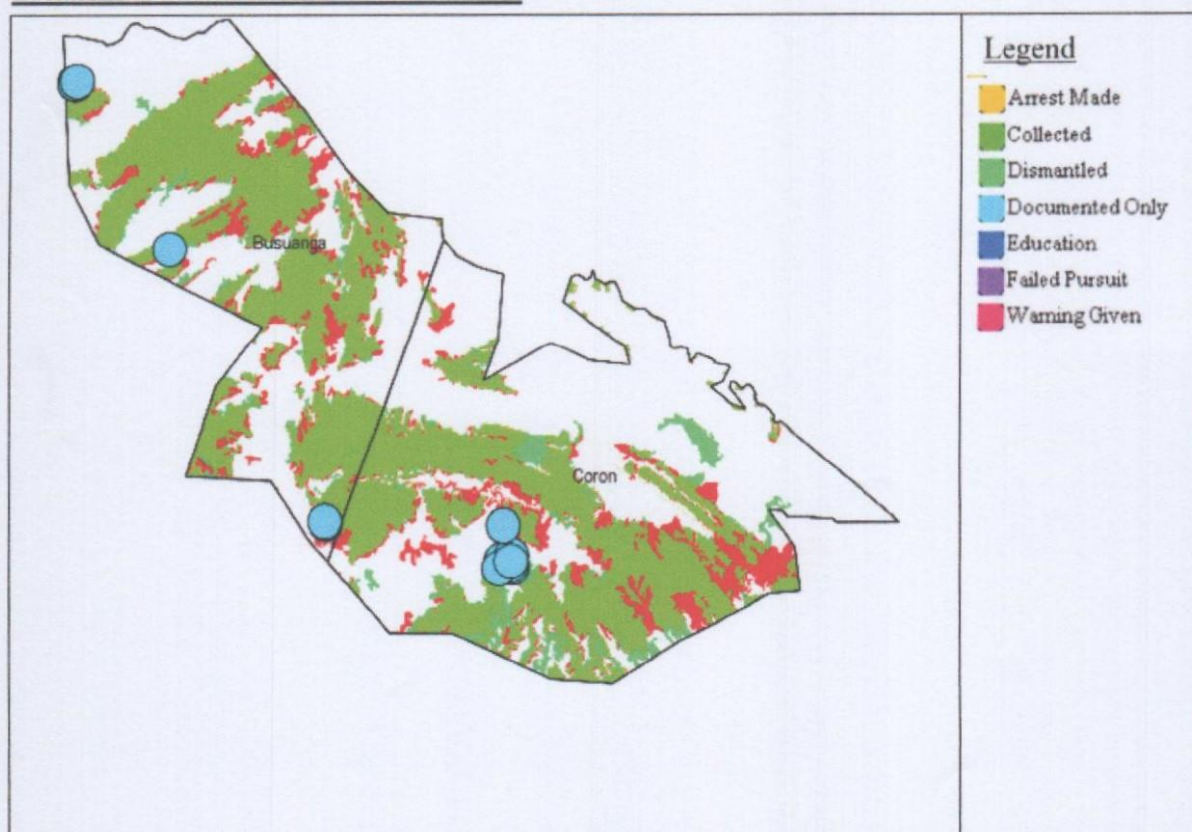
Location of observed threats



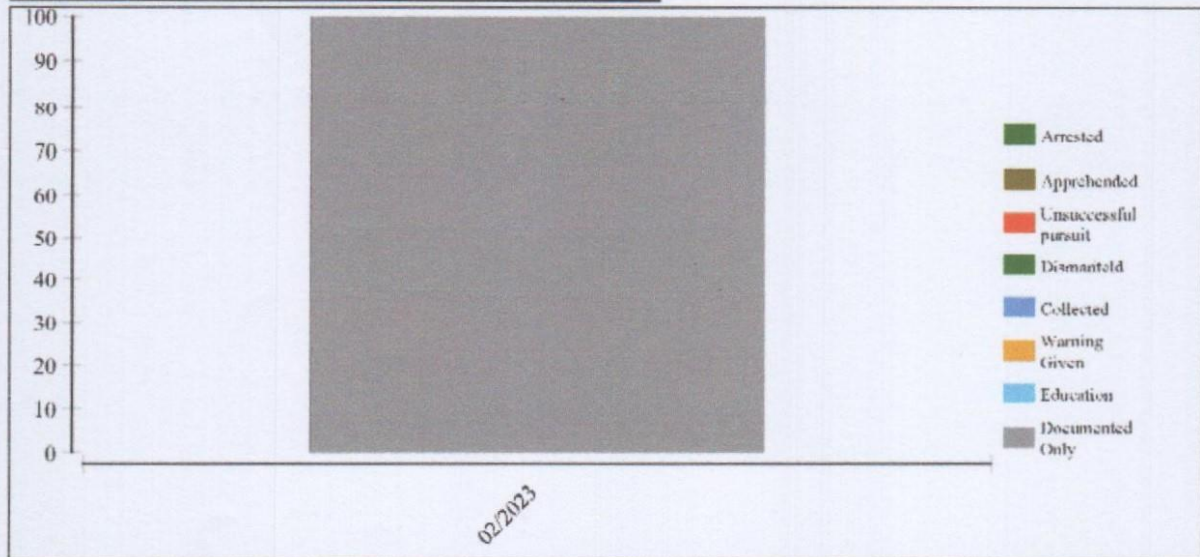
Locations and urgency of responses needed

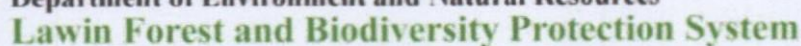


Locations of actions taken to address threats



Actions taken to address observed threats during patrols





Region 04B - BPR

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This report presents the response performance and quality of the implementing unit during the above stated period of time (number of days). The report contains information on threats requiring responses, status of threats and types of responses per threat. The information is meant to provide a basis for response tracking and planning for the next planning period and implementation of adaptive measures to enhance responses to threats as necessary.

13

Immediate action required	Requires action within a week	Requires action within a month	No further action required
		16 (-3 void) = 13	

**note : the patrol of BPRMO personnel on February 17, 2023, is considered as void and was not counted to the total distance accomplished by the personnel as well as the threats recorded*

No action yet	Requires further action	Addressed	Invalid observation

[illegible]