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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 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
JANUARY 2022**

DOCUMENTS
ATTACHED : BPRMO Report on Lawin Accomplishment for January 2022

DATE : FEB 14 2022

Respectfully forwarded is the report of the BPR Management Office for the month of January 2022 Lawin Monitoring and Patrolling Accomplishments. Based on the report, the BPRMO patrolled a total of 33.75 km or 112.5 % of their monthly target as per BRPMO's 1st Quarter Lawin Patrol Plan of 2022.

For the OIC Regional Executive Director's information and record.




ARNOLDO A. BLAZA, JR.
CENR Officer



Republic of the Philippines
Department of Environment and Natural Resources
FOREST MANAGEMENT BUREAU
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MEMORANDUM

Forest Management Bureau
BPR MANAGEMENT OFFICE
RELEASED

FOR : The CENR Officer
CENRO Calamianes Islands
Coron, Palawan

Date: 2.9.2022

By: 8 pp 14/62/4

Ref. Code: LA0189

FROM : POCO, BPRMO

SUBJECT : **REPORT ON LAWIN MONITORING AND PATROLLING
ACTIVITIES OF BPRMO WITHIN THE FOREST
CONSERVATION AREA (FCA) OF BPR FOR THE MONTH OF
JANUARY 2022**

DOCUMENT
ATTACHED : BPRMO SMART-generated report;

DATE : FEB 09 2022

With the implementation of the Lawin Forest and Biodiversity Protection 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 Busuanga and Coron, Palawan within the BPR area for the month of January 2022.

I. Findings and Result

Two (2) Patrol Teams were 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 January 2021 is 30 kilometers (km) based on the Lawin Patrol Plan for 1st Quarter of 2022. Based on the results, the BPRMO Patrol Teams were able to traverse an aggregate distance of 33.75 km or 112.5 % (Table 1).

Table 1. BPRMO LAWIN monitoring and patrolling accomplishment for January 2022

Months	Target (Km)	Accomplishment (Km)	Difference (Km)	Accomplishment (%)
November	30	33.75	3.75	112.50

**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 159 Forest Condition Counts (FCCs) recorded during the patrolling. Early Secondary Forest (ESF) appears to have the highest figure recorded for January 2022 with 54 counts or 34%, while Old Growth Forest have the least with 11 or 7%

recorded observations. The remaining forest conditions such as: Open-Uncultivated (OUC), Open-Cultivated (OC), and Advance Secondary Forest (ASF) with corresponding total figures of 43 (27%), 27 (17%), and 24 (15%), respectively. Based on the SMART analysis, the total FC with good condition has a total count of 89 or 59.97% 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	%
11	7	24	15	54	34	43	27	27	17	159	100

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

With respect to the presence of natural regenerants, 89 FCCs or 56% of the total FCC were recorded with presence of natural regenerants while 70 FCCs or 44% with absence of natural regenerants. There were eleven (11) or 7% recorded dense natural regenerants, while twenty-four (24) FCCs or 15% and fifty-four (54) or 34% are recorded as moderate and sparse natural regenerants, respectively (Table 3).

Table 3. Patrol Observation: Natural Regenerant Count

Regenerants										Total Forest Condition	
Presence of Regenerant								No Regenerants			
Dense		Moderate		Sparse		Total					
Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
11	7	24	15	54	34	89	56	70	44	159	100

Table 4 shows the observed and recorded threats within the FCA of BPR. A total of 4 threats were observed and recorded during the Lawin Patrolling and this were accounted to Slash and burn farming (kaingin).

Table 4. Patrol Observation: Threat Count

Threats	Total
Slash and Burn Farming (Kaugin)	
4	4

As can be gleaned from the map in Annex C, the threats observed/documentated in the FCA during the month of January 2022 are found in Brgy. Bogtong and Old Busuanga, Busuanga, Palawan and in Brgy. Bintuan, Coron, Palawan. The current threat index is computed as 0.12 threats per kilometer (T/Km) in January 2022, down from 0.05 T/Km in the last recorded threat in the month of December 2021.

IV. 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. Observed unlawful activities in 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;
3. Conduct of seminar/IEC to every barangay recorded with high incidence of unlawful activities within the area covered by the BPR to provide awareness and educate the community on the importance of maintaining ecological and environmental balance in the locality and the benefits that could be derived from the forest and climate change mitigation; and
4. Conduct of rehabilitation activities such as tree-planting, enrichment planting and assisted natural regeneration to maintain and accelerate recovery of forest cover.

For the Assistant Secretary for Policy, Planning and Foreign-Assisted and Special Projects and FMB Director's information, record, and further instruction/s, if any.


RICHARD JOHN P. GALAGATE



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: 31 Feb 8, 2022 9:53 AM

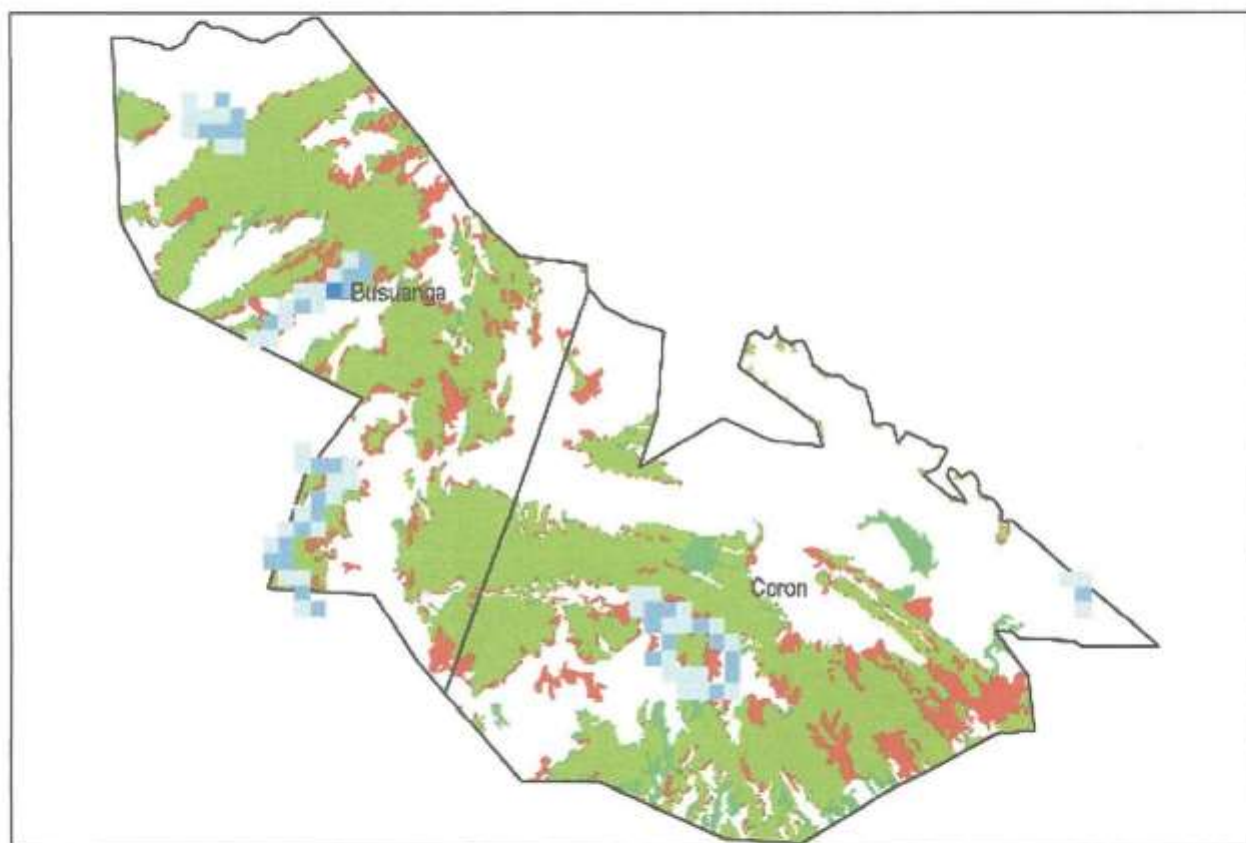
This report presents the patrol performance and quality of the implementing unit during the above stated period of time (number of days). The report contains information on accomplishment rate, coverage and intensity of patrolling in different forest types on patrol distance covered per patroller. The 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*



*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
Archie Agnes	21.75
Gricilito Lagao	21.75
Jojie Montanez	21.75
Leonardo Puno	21.75
Dindo Sarmiento	21.41
Michael Acbang	21.41
Rommel Gacayan	21.41
Joy Kristel Degorio	12.00
Ibrahem Factuar	10.81
Roderick Vallejo	10.81



Forest Protection Effectiveness Report

Region 04B - BPR

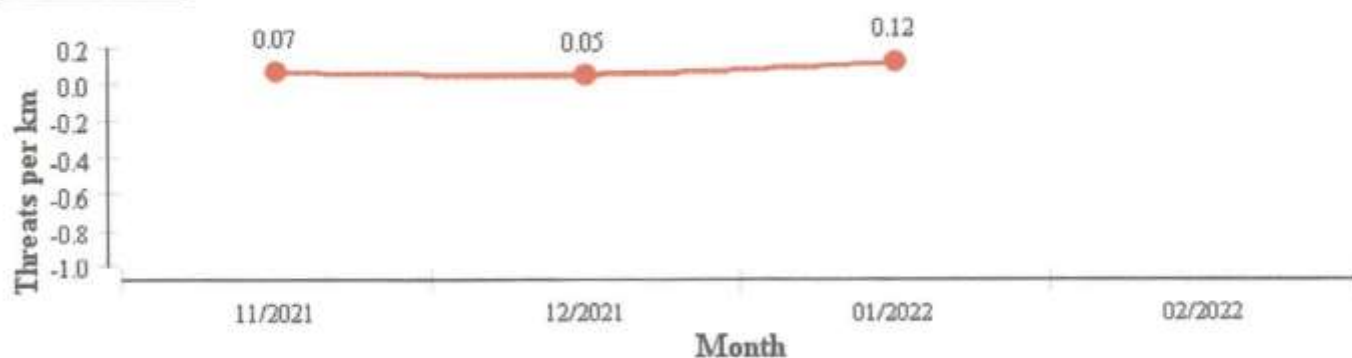
Number of days analyzed: 92

Feb 8, 2022 11:49 AM

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.

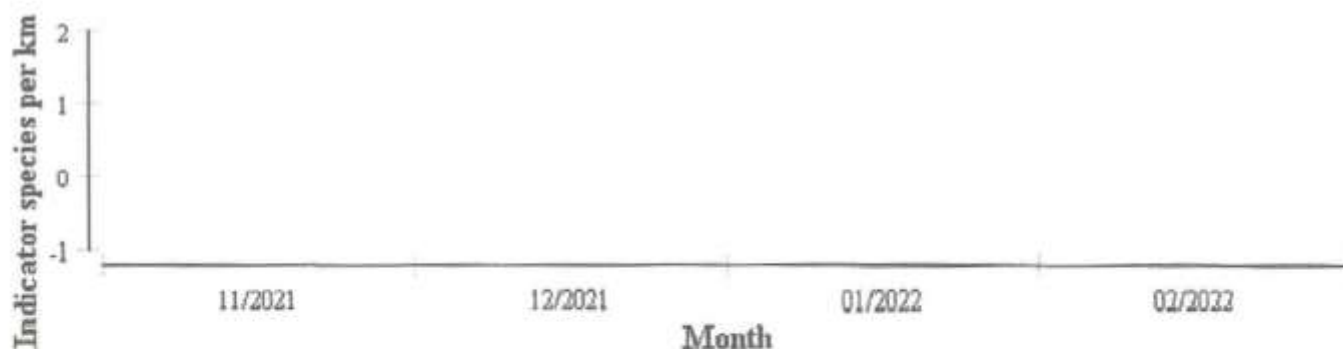
Trends of Observations per Patrol Kilometer in the Forest Conservation Area

Trend in Threats



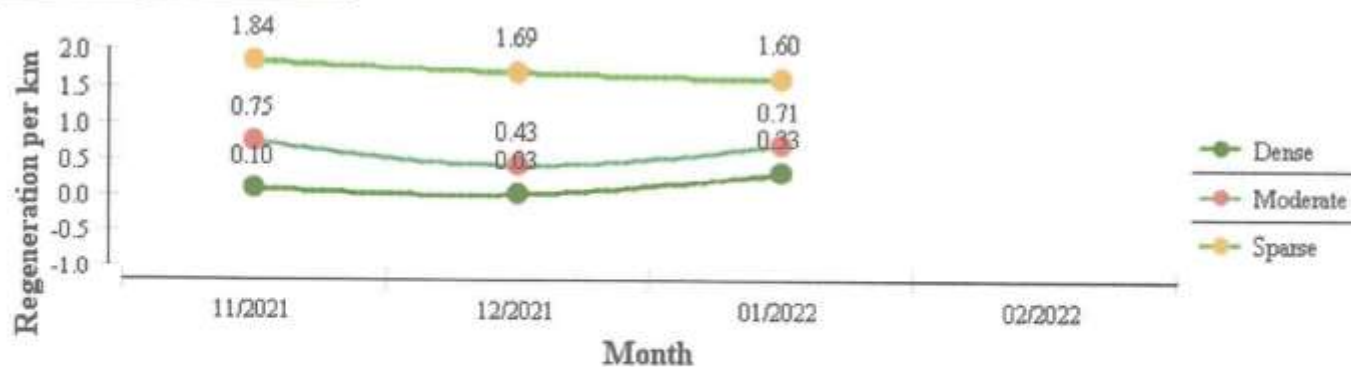
A decreasing trend in threats in the forest conservation area mean effective forest protection; an increasing trend means the opposite.

Trend in Indicator Species



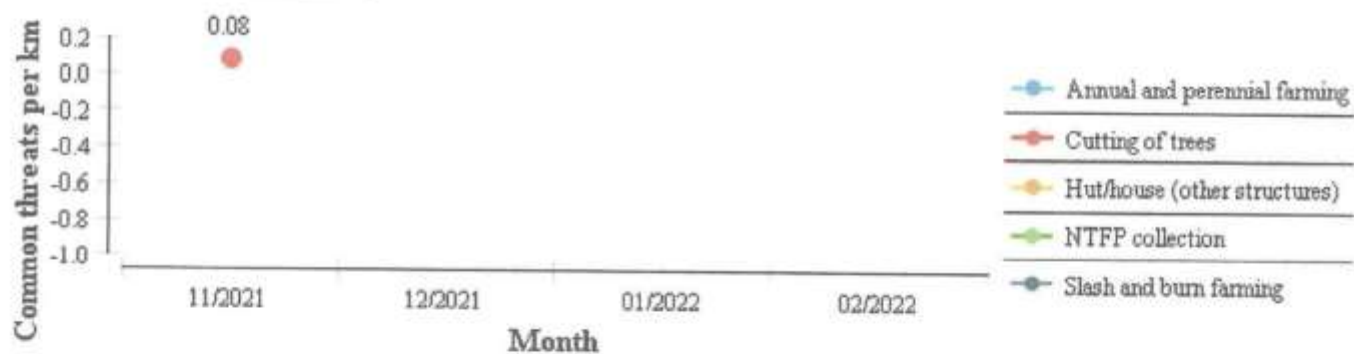
An increasing trend in indicator species in the forest conservation area means effective forest protection; a decreasing trend means the opposite.

Trends in Regeneration Density



An increasing trend in regeneration means effective forest protection; a decreasing trend means the opposite.

Trends of most common Threats





Summary Threat Report

Region 04B - BPR

Number of days analyzed: 31

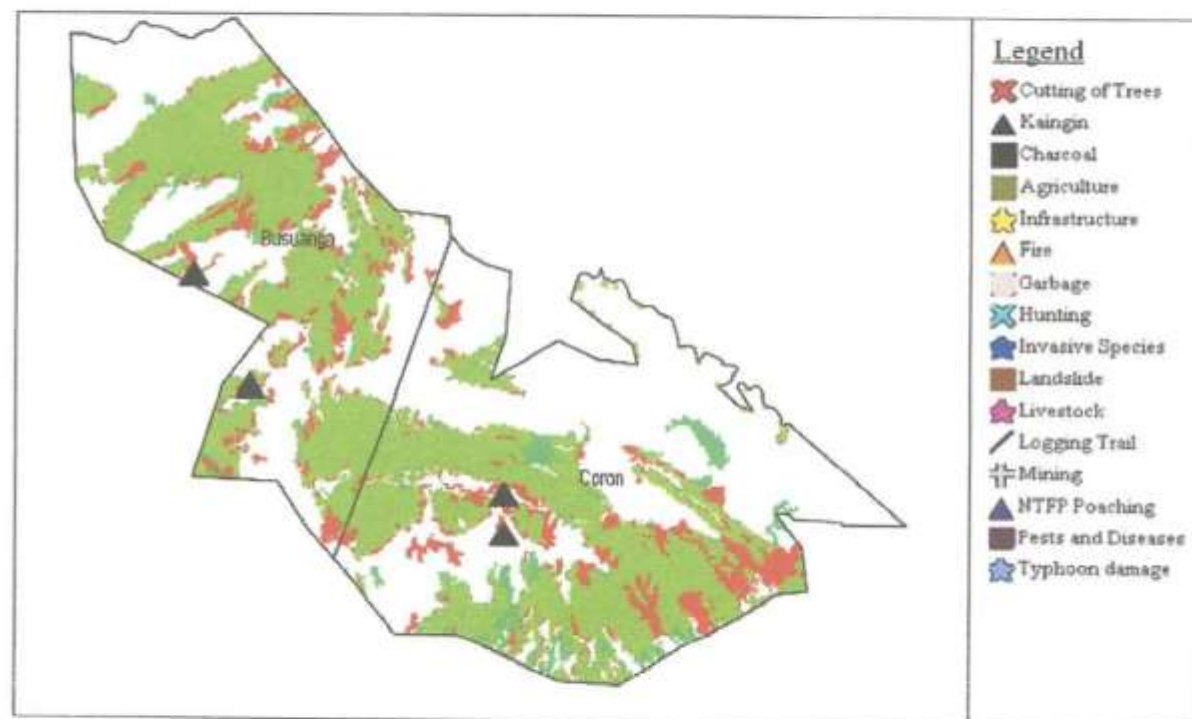
Feb 8, 2022 11:56 AM

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

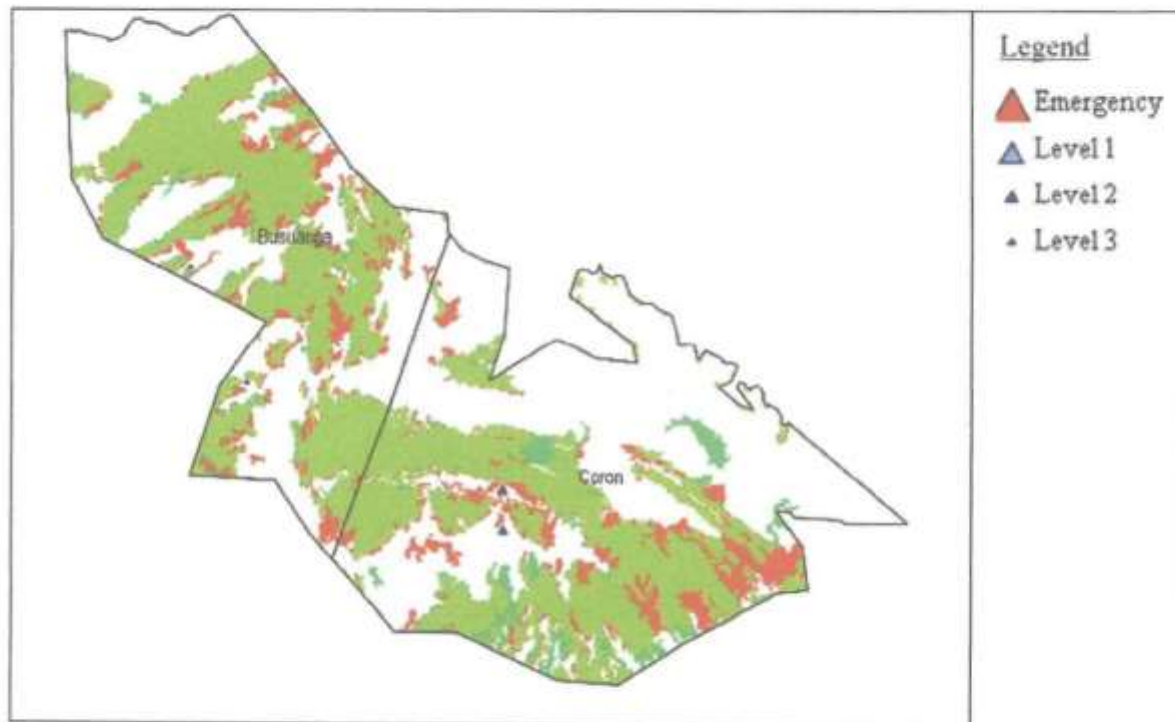
Threats observed and level of response required

Threat	No. of Observations	Emergency - Immediate action required!	Level 1 - Action required within a week	Level 2 - Action required within a month
Slash and Burn Farming (Kaingin)	4	0	0	2

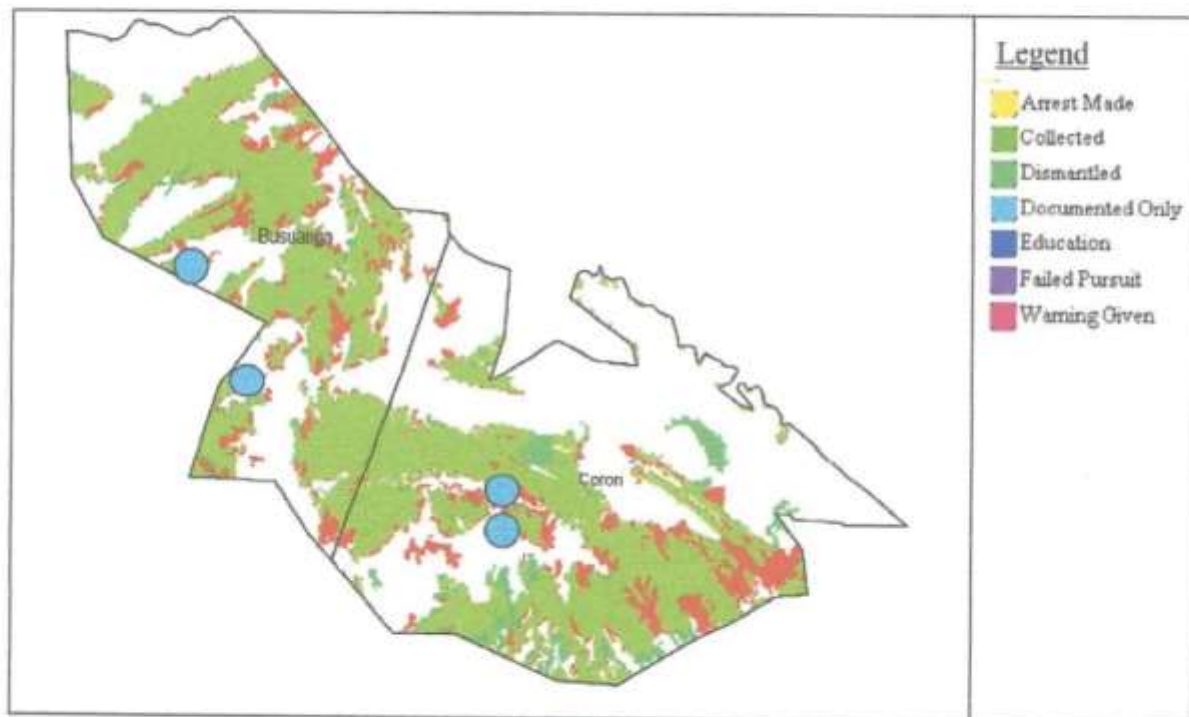
Location of observed threats



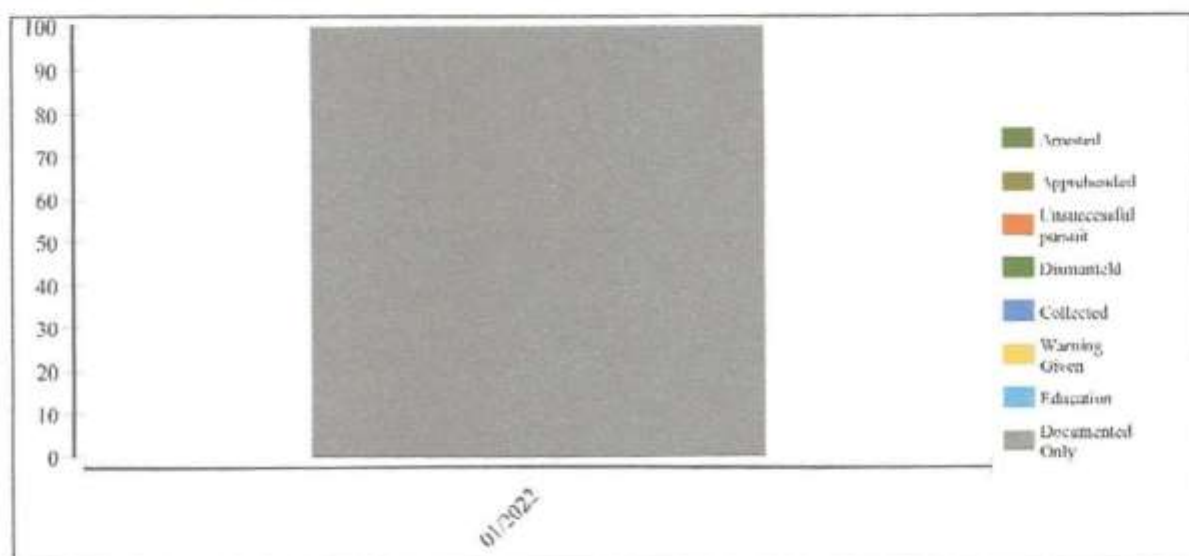
Locations and urgency of responses needed



Locations of actions taken to address threats



Actions taken to address observed threats during patrols





Summary Response Report

Region 04B - BPR

Number of days analyzed: 31

Feb 8, 2022 1:38 PM

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.

Number of threats observed:

4

Distribution of level of response required to address observed threats:

Immediate action required	Requires action within a week	Requires action within a month	No further action required
		2	2

Note: Your patrollers recorded 2 threats with the action taken Documented Only during patrol and No Further Action Required after patrol. These threats won't be addressed and should be re-assessed and properly recorded during upcoming patrols

Number of threats requiring post-patrol responses:

Status of threats

No action yet	Requires further action	Addressed	Invalid observation

Responses per threat

[illegible]