



Republic of the Philippines
Department of Environment and Natural Resources
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
Calamianes Island, Coron, Palawan
Email address: cenro_coron@yahoo.com

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 OCTOBER 2021**

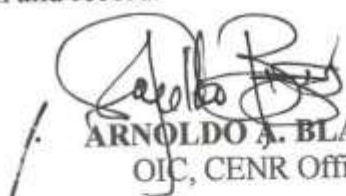
DOCUMENTS
ATTACHED : BPRMO Report on Lawin Accomplishment for September 2021

DATE : 04 NOV 2021

Respectfully forwarded is the report of the BPRMO for October 2021 Lawin Monitoring and Patrolling Accomplishments. Based on the report, the BPRMO patrolled a total of 30.82 kilometers or 102.73% of their monthly target as per BRPMO's 4th Quarter Lawin Patrol Plan.

For the Regional Executive Director's information and record.




ARNOLDO A. BLAZA, JR.
OIC, CENR Officer



Republic of the Philippines
Department of Environment and Natural Resources
FOREST MANAGEMENT BUREAU
Visayas Avenue, Diliman, 1100 Quezon City
Tel. No. (632) 927-4788 Fax No. (632) 928-9313
E-mail Address: fmbdenr@mozcom.com / Website: <http://forestry.denr.gov.ph>

**BPR MANAGEMENT OFFICE
RELEASED**

MEMORANDUM

Date: 11-9-2021
By: [Signature] PP 11/d6/2
Ref. Code: 101148



FOR : The CENR Officer
CENRO Calamianes Islands
Coron, Palawan

FROM : The OIC, BPR Management Office

SUBJECT : **REPORT ON LAWIN MONITORING AND PATROLLING
ACTIVITIES OF BPRMO WITHIN THE FOREST
CONSERVATION AREA (FCA) OF BPR FOR THE MONTH
OF OCTOBER 2021**

DOCUMENT
ATTACHED : BPRMO SMART-generated report;

DATE : **03 NOV 2021**

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 October 2021.

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 October 2021 is 30 kilometers (km) based on the Lawin Patrol Plan for 4th Quarter of 2021. Based on the results, the BPRMO Patrol Teams were able to traverse an aggregate distance of 30.82 km or 102.73 % (Table 1).

Table 1. BPRMO LAWIN monitoring and patrolling accomplishment for October 2021

Months	Target (Km)	Accomplishment (Km)	Difference (Km)	Accomplishment (%)
October	30	30.82	0.82	102.73

**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 138 Forest Condition Counts (FCCs) recorded during the patrolling. Open-Cultivated (OC) appears to have the highest figure recorded for October 2021 with 41 counts or 30%, while Old Growth Forest have the least with 1 or 1% recorded observations. The remaining forest conditions such as: Open-Uncultivated (OUC), Early

Secondary Forest (ESF), and Advance Secondary Forest (ASF) with corresponding total figures of 28 (20%), 40 (29%), and 28 (20%), respectively. Based on the SMART analysis, the total FC with good condition has a total count of 69 or 50% 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	%
1	1	28	20	40	29	28	20	41	30	138	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, 68 FCCs or 49% of the total FCC were recorded with presence of natural regenerants while 70 FCCs or 51% with absence of natural regenerants. There is One (1) or 1% recorded dense natural regenerants, while twenty-two (22) FCCs or 16% and forty-five (45) or 33% are recorded as moderate and sparse natural regenerants, respectively (Table 3).

Table 3. Patrol Observation: Natural Regenerant Count

Presence of Regenerant								No Regenerants		Total Forest Condition	
Dense		Moderate		Sparse		Total					
Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
1	1	22	16	45	33	68	49	70	51	138	100

Table 4 shows the observed and recorded threats within the FCA of BPR. A total of 7 threats were observed and recorded during the Lawin patrolling. Likewise, Tree cutting and huts or houses and other infrastructure was marked the highest documented/recorded threat with 3 counts followed by logging trail with 1 count.

Table 4. Patrol Observation: Threat Count

Threats			Total
Tree Cutting	Huts or House and Other Infrastructure	Logging Trail	
3	3	1	7

As can be gleaned from the map in Annex C, the threats observed in the FCA during the month of October 2021 are found in Brgy. Bogtong, Busuanga, Palawan for cutting of trees and logging trail while in Brgy. San Jose and Brgy. San Nicolas both in Coron Palawan huts or houses and other infrastructure and cutting of trees were Observed and documented. The current threat index is computed as 0.23 threats per kilometer (T/Km) in October 2021, down from 0.10 T/Km in the last recorded threat in the month of June 2021.

II. 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 especially in the areas where threats were recorded;

2. Observed unlawful activities in the ground is 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 CENR Officer's information, record and further instruction/s, if any.


PEREGRINO S. BAGUNU JR.

Prepared by:


RICHARD JOHN P. GALAGATE
Project Operations Control Officer

Annex A



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

Nov 2, 2021 11:04 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*

Level of Accomplishment



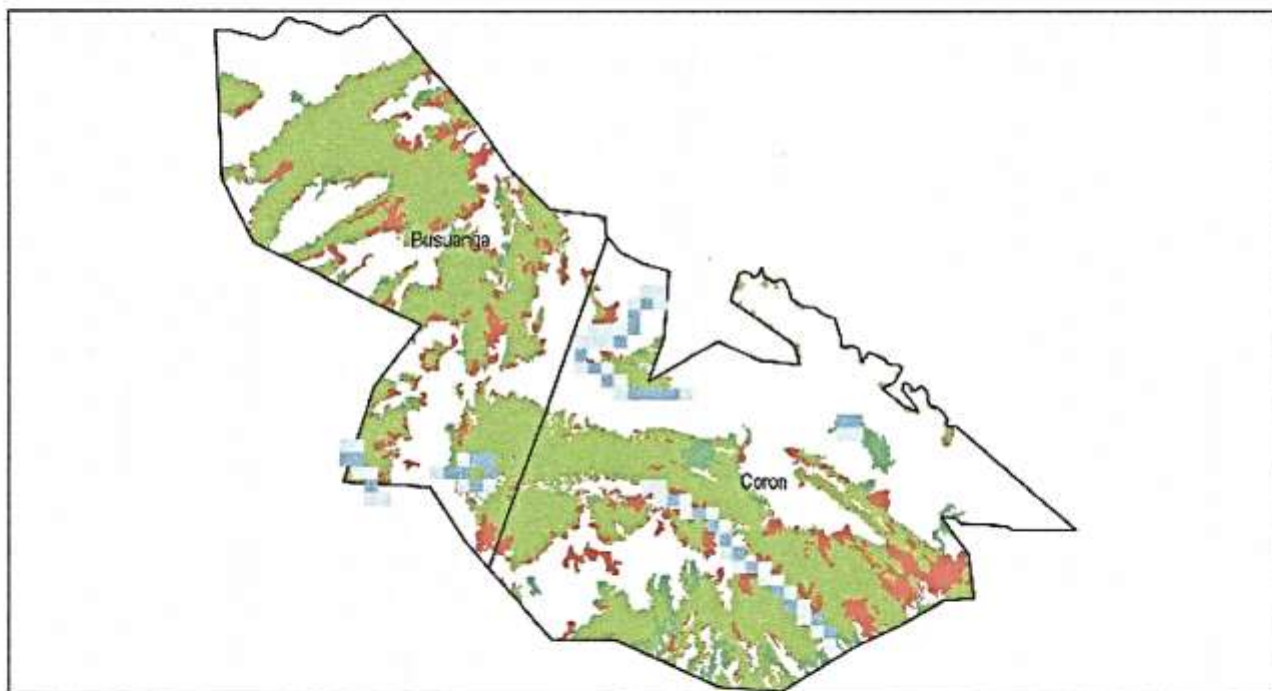
● Accomplishment
● Target

Accomplishment* for the period	Target* distance for the period
30.82	100.00

Accomplishment Rate:
30.83%

*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
Dindo Sarmiento	25.99
Ibrahim Factuar	25.99
Roderick Vallejo	25.99
Rommel Gacayan	25.99
Michael Acbang	15.70
Rovelyn Cruz	10.29
Archie Agnes	7.96
Gricilito Lagao	7.96
Joye Montanez	7.96
Leonardo Puno	7.96



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

Forest Protection Effectiveness Report

Region 04B - BPR

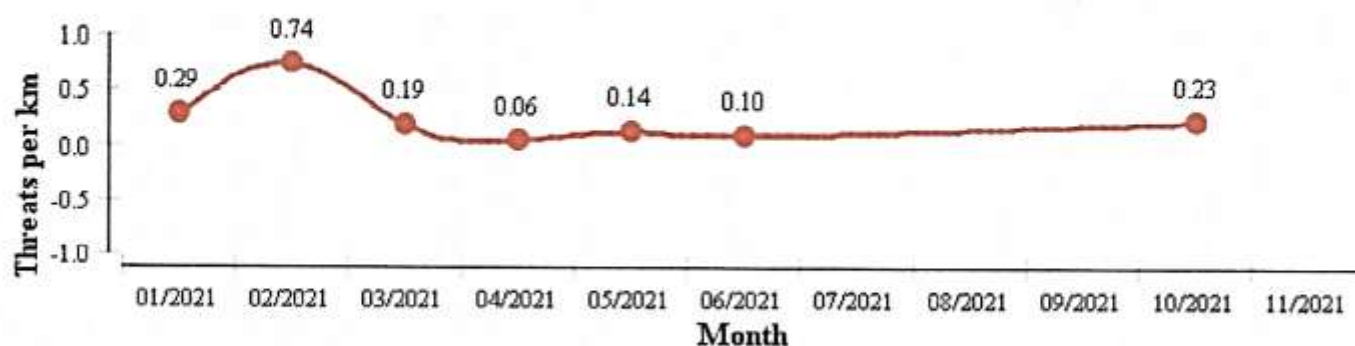
Number of days analyzed: 304

Nov 2, 2021 11:45 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.

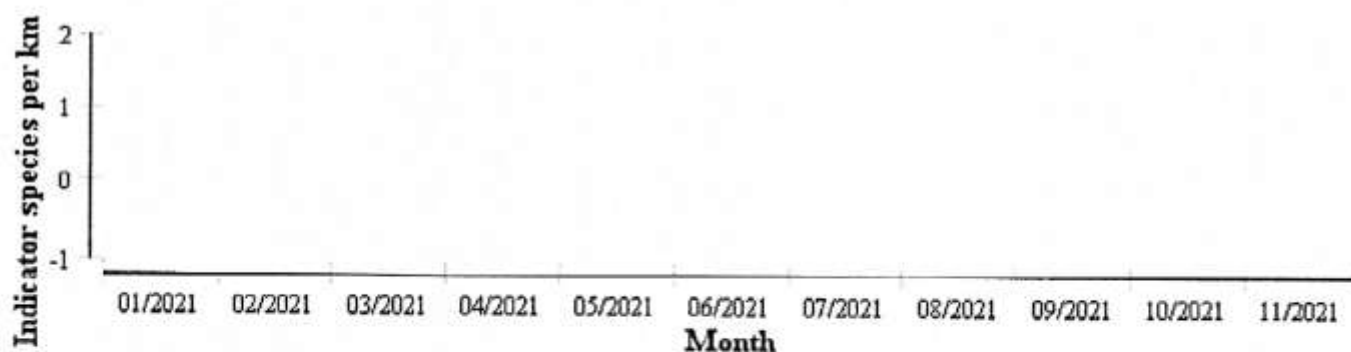
Trends of Observations per Patrol Kilometer in the Forest Conservation Area

Trend in Threats



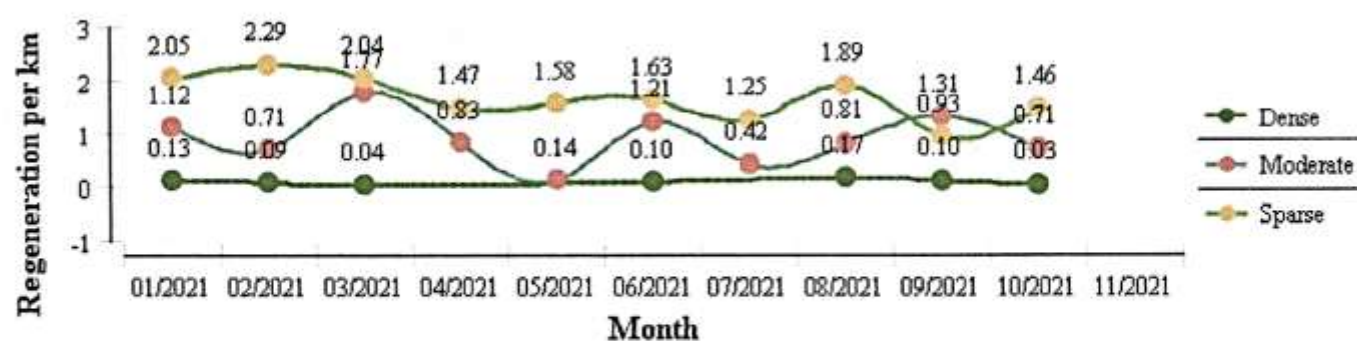
A decreasing trend in threats in the forest conservation area mean effective forest protection; an increasing trend means the opposite.

Trend in Indicator Species



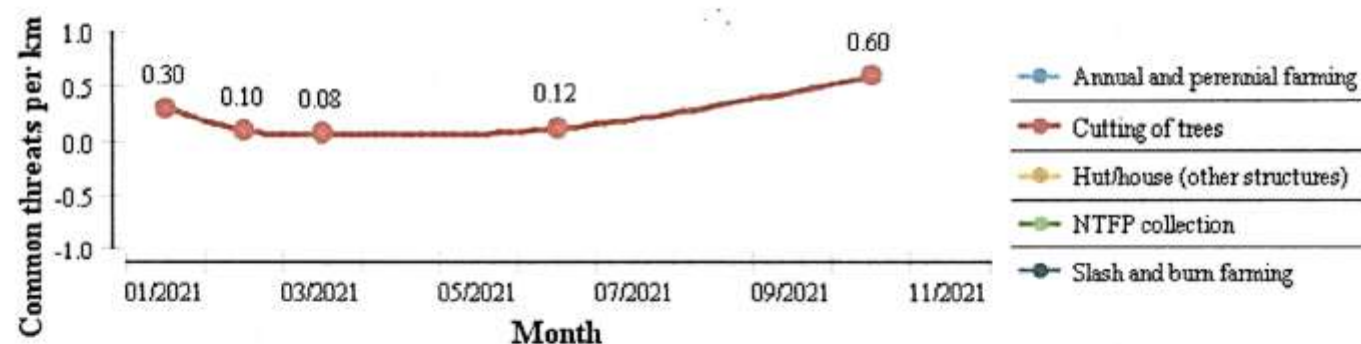
An increasing trend in indicator species in the forest conservation area means effective forest protection; a decreasing trend means the opposite.

Trends in Regeneration Density



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

Trends of most common Threats



Annex C



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: 31

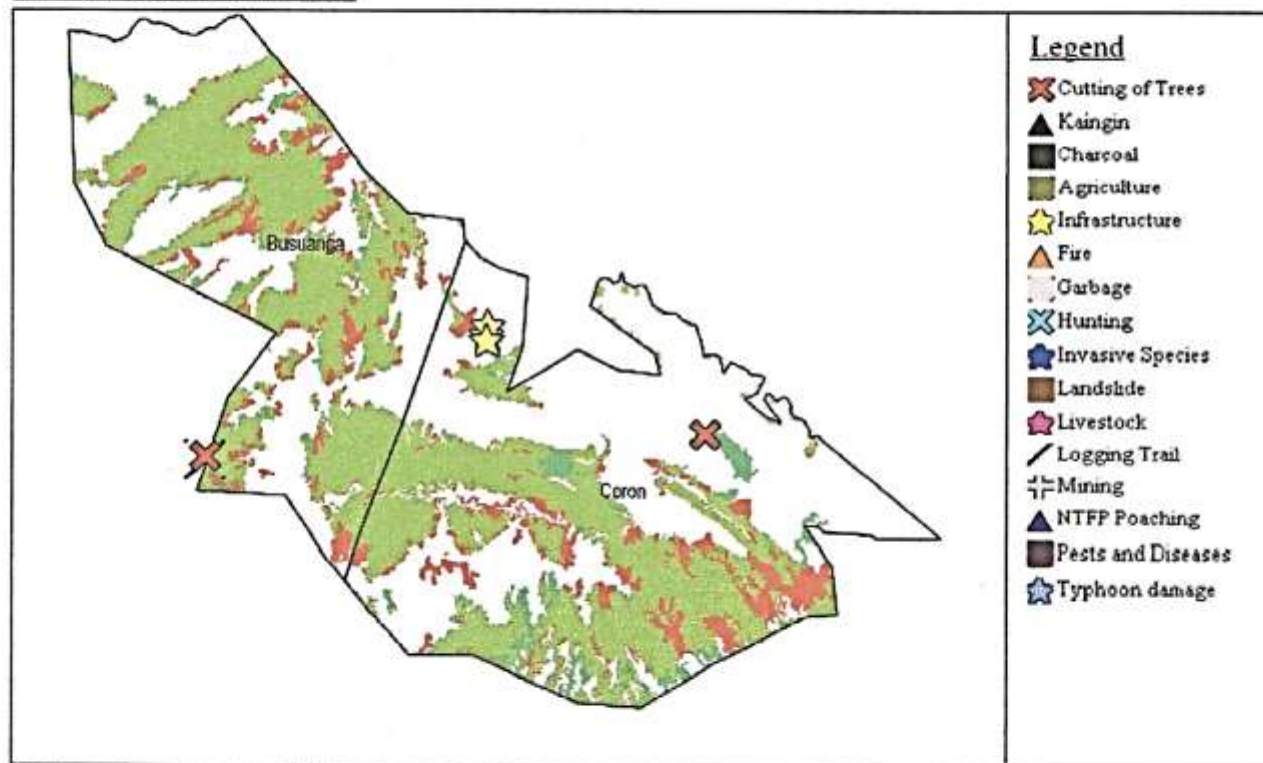
Nov 2, 2021 11:33 AM

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

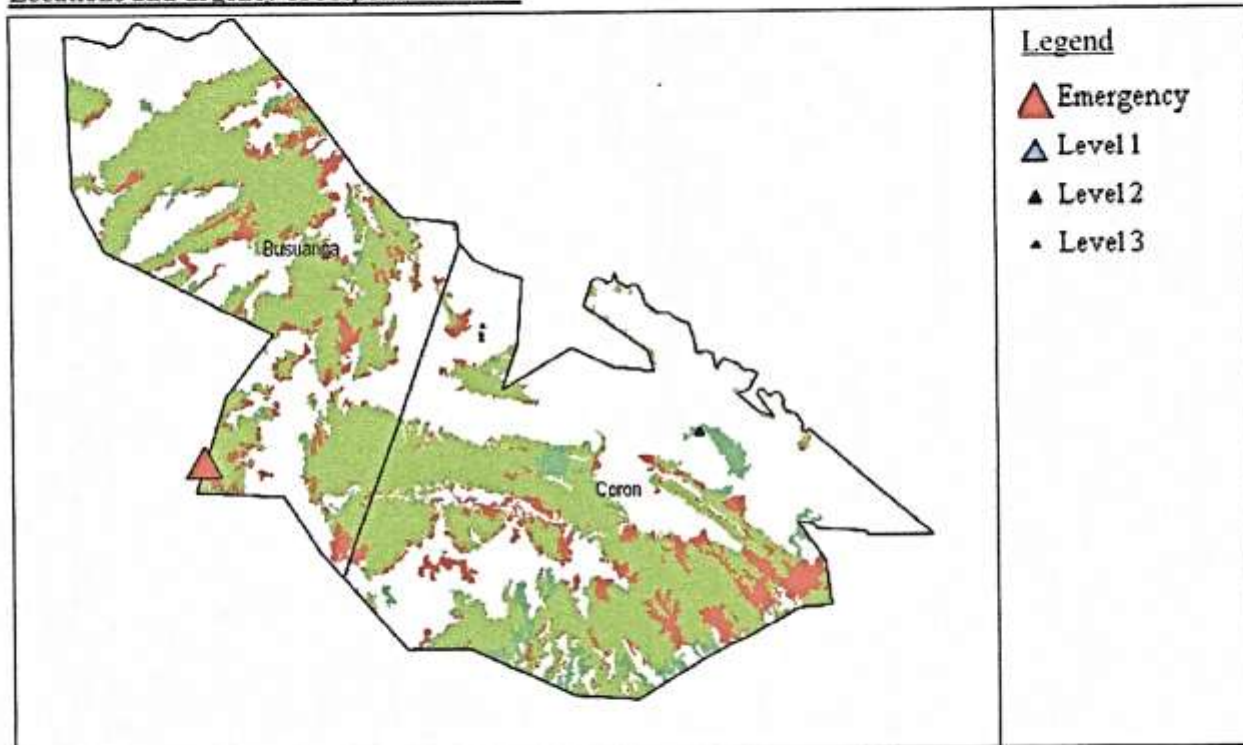
Threats observed and level of response required

Threat	No. of Observations	Emergency - Immediate action required!	Level 1 - Action required within a week	Level 2 - Action required within a month
Cutting of Trees	3	1	0	2
Hut or House and Other Infrastructure	3	0	0	0
Logging Trail	1	0	0	0

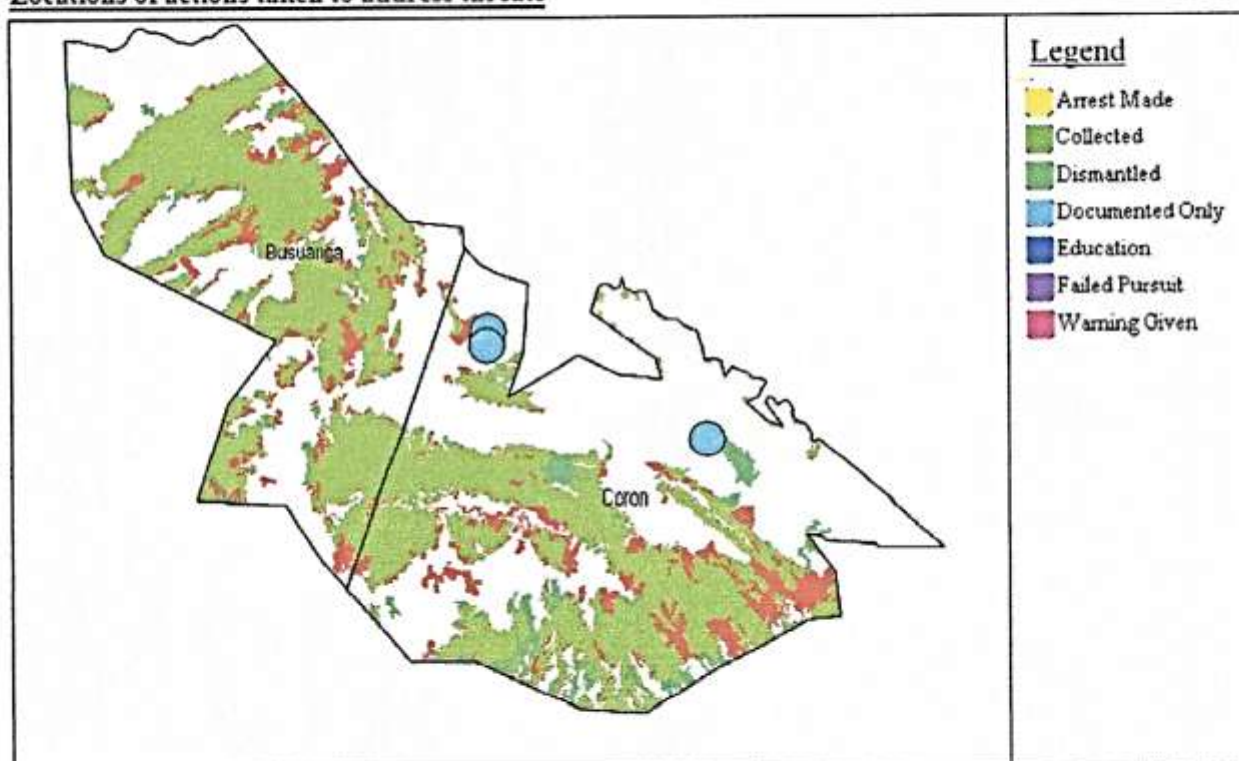
Location of observed threats



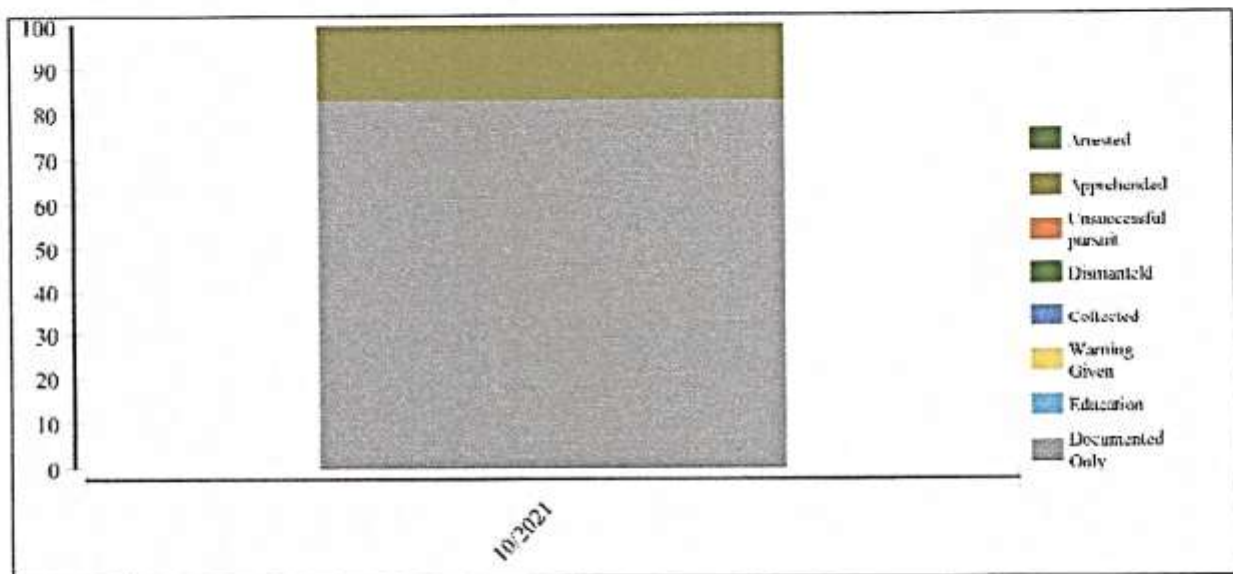
Locations and urgency of responses needed



Locations of actions taken to address threats



Actions taken to address observed threats during patrols



Department of Environment and Natural Resources

Lawin Forest and Biodiversity Protection System

Region 04B - BPR

Nov 2, 2021 12:59 PM

Number of threats observed:

7

Immediate action required	Requires action within a week	Requires action within a month	No further action required
1		2	4

Number of threats requiring post-patrol responses:

<u>Status of threats</u>			
No action yet	Requires further action	Addressed	Invalid observation

[illegible]