



Republic of the Philippines
Department of Environment and Natural Resources
Community Environment and Natural Resources Office
Barangay 5, Calamianes Island, Coron, Palawan
Telephone No. +63 917 504 2633
E-mail: cenrocoron@denr.gov.ph Website: www.denr.gov.ph

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
Coron, Palawan

SUBJECT : **REPORT ON THE IMPLEMENTATION OF LAWIN FOREST
AND BIODIVERSITY PROTECTION SYSTEM OF BPRMO
WITHIN THE FOREST CONSERVATION AREA (FCA) OF BPR
FOR THE MONTH OF DECEMBER 2022**

DOCUMENTS
ATTACHED : BPRMO Report on Lawin Accomplishment for December 2022

DATE : DEC 05 2022

Respectfully forwarded is the report of the BPR Management Office for the month of December 2022 on the implementation of LAWIN Forest and Biodiversity Protection System Accomplishments. Based on the report, the BPRMO patrolled a total distance of 32.62 km or 108.73% of their monthly target as per BRPMO's 4th Quarter Lawin Patrol Plan of 2022.

For the Regional Executive Director's information and record.



For and in the absence of the OIC, CENRO

FERDINAND GATCHALIAN
Forester III
In-charge, Office of the CENRO



Republic of the Philippines
Department of Environment and Natural Resources
FOREST MANAGEMENT BUREAU
Visayas, Avenue, Diliman, 1100 Quezon City
Tel. No.: (632) 8925-2141 / (632) 8927-4788
E-mail Address: fmb@denr.gov.ph Website: <https://www.forestry.denr.gov.ph>



MEMORANDUM

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

FROM : The BPR Management Office Technical Personnel

SUBJECT : **REPORT ON THE IMPLEMENTATION OF LAWIN FOREST AND BIODIVERSITY PROTECTION SYSTEM OF BPRMO WITHIN THE FOREST CONSERVATION AREA (FCA) OF BPR FOR THE MONTH OF DECEMBER 2022**

Forest Management Bureau
BPR MANAGEMENT OFFICE
RELEASED

Date: 12-05-2022
By: [Signature] PP 11 | 166 | 3
Ref. Code: LA0294

DOCUMENTS

ATTACHED : 1. BPRMO SMART-generated report

DATE : DEC 05 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 activity conducted in the Municipalities of Coron and Busuanga, Palawan within the BPR area for the month of December 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 December 2022 is 30 kilometers (km) based on the LAWIN Patrol Plan for the 4th Quarter of 2022. On the said month, the BPRMO Patrol Teams were able to traverse an aggregate distance of 32.62 km or 108.73 % (Table 1).

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

Month	Target (km)	Accomplishment (km)	Difference (km)	Accomplishment (%)
December	30	32.62	(2.62)	108.73

**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 442 Forest Condition Counts (FCCs) recorded during the patrolling. Open-Uncultivated (OUC) appears to have the highest figure recorded for December 2022 with 241 counts or 54%, while Old Growth Forest (OGF) has the least recorded observation with 1 count or 0.22%. The remaining forest conditions such as Open-Cultivated (OC), Advanced Secondary Forest (ASF), and Early Secondary Forest (ESF) with corresponding total figures of 45 (10%), 33 (7%), and 122 (28%), respectively. Based on the SMART analysis, the total FC with the good condition has a total count of 156 or 35% 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	0.22	33	7	122	28	241	54	45	10	442	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, 180 FCCs or 41% of the total FCC was recorded with the presence of natural regenerants while 262 FCCs or 59% were with the absence of natural regenerants. There were one (1) or 0.22% recorded dense natural regenerant, while eighty-seven (87) FCCs or 19% and ninety-two (92) or 21% 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	%
1	0.22	87	19	92	21	180	41	262	59	442	100

Table 4 shows the observed and recorded threats within the FCA of BPR. A total of four (4) threats were observed and recorded during the LAWIN Patrolling for the month of December 2022 and this was accounted for two (2) under tree cutting and two (2) for huts or houses and other infrastructures.

Table 4. Patrol Observation: Threat Count

Threats	No. of observation
Cutting of trees	2
Huts or Houses and other Infrastructures	2
Total	4

As can be viewed from the map in Annex C, the threats observed/documentated in the FCA during the month of December 2022 were found in the Barangays of Decalachao and Bintuan, Coron, Palawan. The current threat index was computed as 0.12 threats per kilometer (T/Km) in January 2022, up to 0.21 T/Km in the month of March 2022, down to 0.03 T/km in April 2022 up to 0.26 T/Km for the month of June. The highest recorded was 0.40 T/km for the month of July, down to 0.06 on August, increased to 0.19 on September 2022, increased again to 0.34 on October 2022, slightly decreased to 0.24 on November 2022 and continuously decrease to 0.12 this December 2022. On the other hand, no threat/s recorded in the month of February 2022 and May 2022.

II. Actions Taken by the BPRMO for the observed threats

Pertaining to the four (4) observed/recorded threats for the month of December 2022, the actions taken by the BPRMO were the following.

Table 5. Actions taken for the current month of (December)

Date of the conduct of Lawin activity	Threats	Actions taken
December 01, 2022	<ul style="list-style-type: none"> (2) huts or houses and other infrastructures (1) cutting of tree 	<ul style="list-style-type: none"> Drafted communication letter dated December 02, 2022, addressed to the Brgy. Bintuan, Coron for information regarding the conducted LAWIN patrolling and monitoring within their area of jurisdiction.
December 02, 2022	<ul style="list-style-type: none"> (1) cutting of tree 	<ul style="list-style-type: none"> Drafted communication letter dated December 05, 2022, addressed to the Brgy. Decalachao, Coron for information regarding the conducted LAWIN patrolling and monitoring within their area of jurisdiction.

I. 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. To send communication letter address to the Barangay for the conduct of follow-through action of the BPRMO personnel 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 of 1975 as amended and other environmental laws, if so warrant;
4. Conduct of seminar/IEC to every barangay recorded with a 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
5. Conduct of rehabilitation activities such as tree planting, enrichment planting and assisted natural regeneration to maintain and accelerate the recovery of forest cover.

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

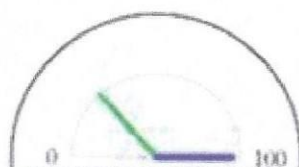
Number of days analyzed: 31

Dec 3, 2022 1:39 PM

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



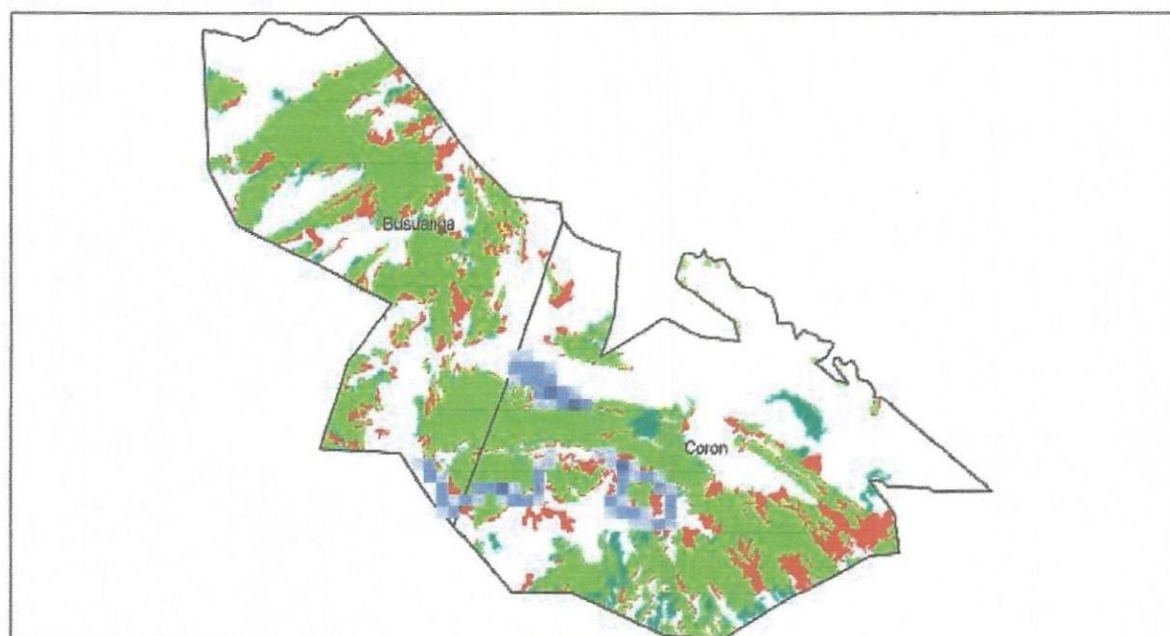
● Accomplishment
 ● Target

Accomplishment* for the period	Target* distance for the period
32.62	30

Accomplishment Rate:
38.73

*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
Desiree Yvette Sandoval	21.57
Dindo Sarmiento	21.57
Joy Kristel Degorio	21.57
Michael Acbang	21.57
Rommel Gacayan	21.57
Emerson Montanez, Jr.	21.50
Jojie Montanez	21.50
Richard Galagate	11.12
Archie Agnes	11.05
Gricilito Lagao	11.05
Leonardo Puno	11.05



Forest Protection Effectiveness Report

Region 04B - BPR

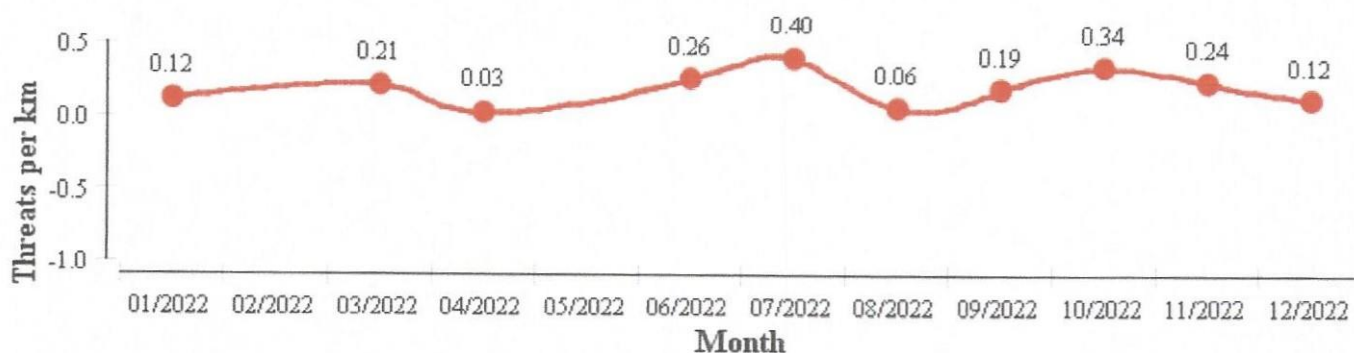
Number of days analyzed: 365

Dec 3, 2022 1:18 PM

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.

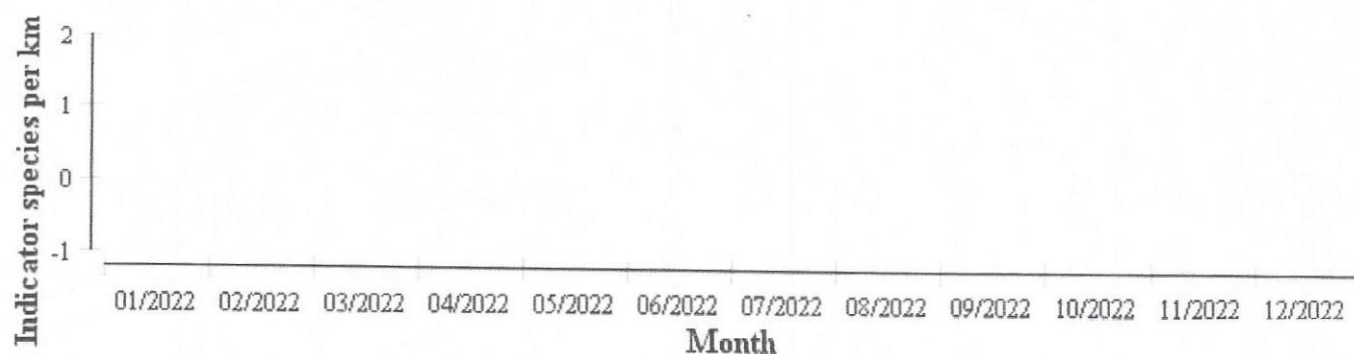
Trends of Observations per Patrol Kilometer in the Forest Conservation Area

Trend in Threats



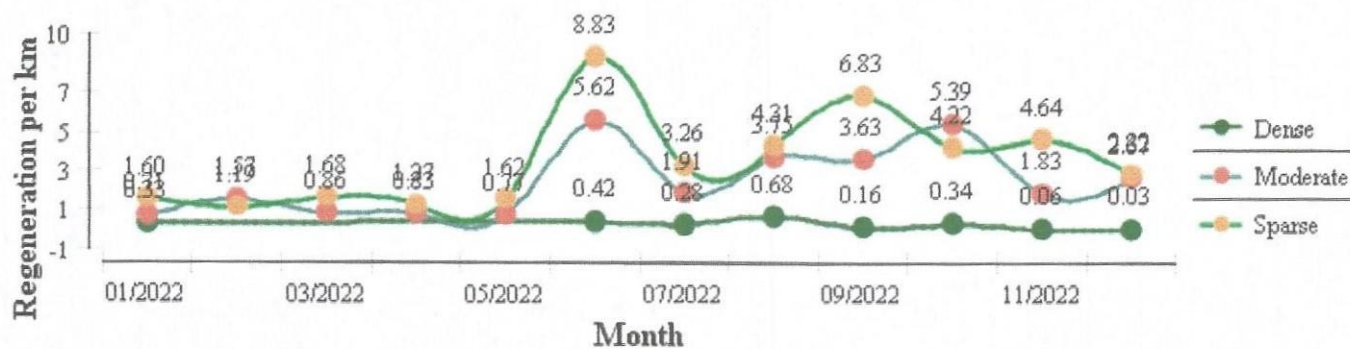
A decreasing trend in threats in the forest conservation area mean effective forest protection; an increasing trend means the opposite.

Trend in Indicator Species



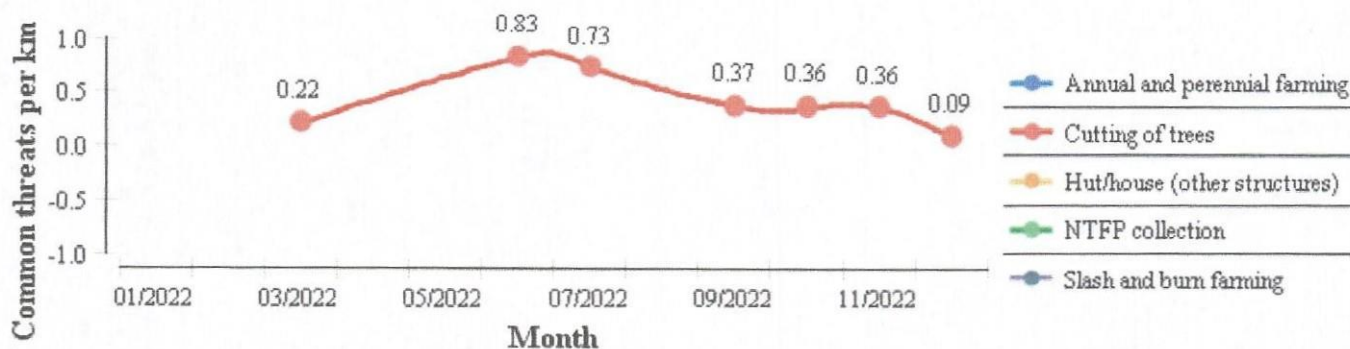
An increasing trend in indicator species in the forest conservation area means effective forest protection; a decreasing trend means the opposite.

Trends in Regeneration Density



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

Trends of most common Threats





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

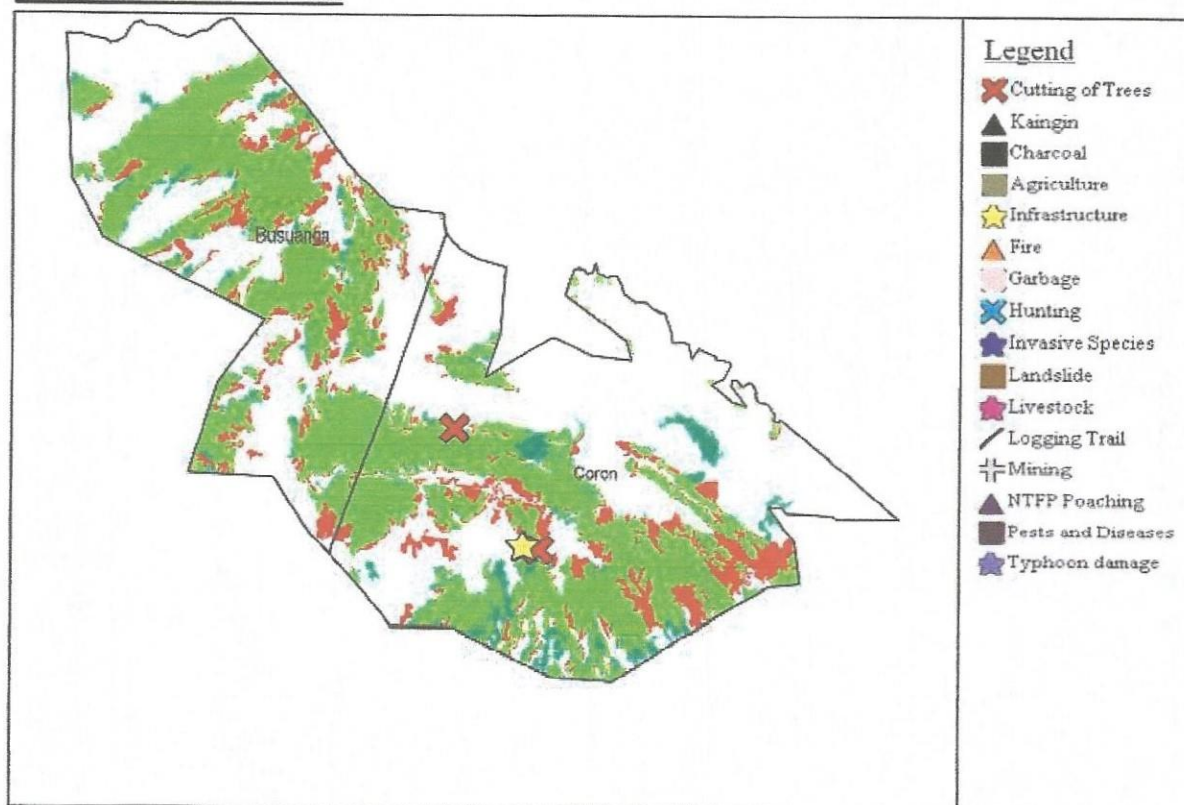
Dec 3, 2022 3:14 PM

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

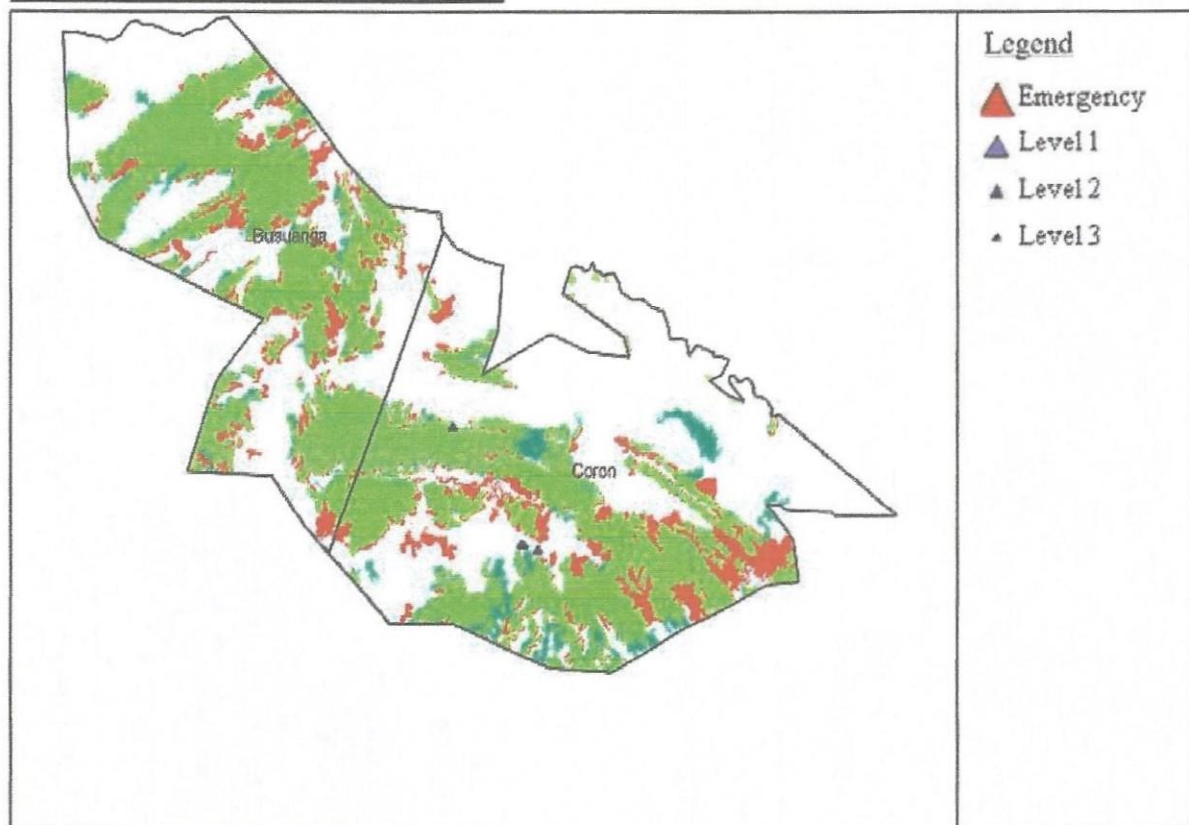
Threats observed and level of response required

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	2	0	0	2
Hut or House and Other Infrastructure	2	0	0	2

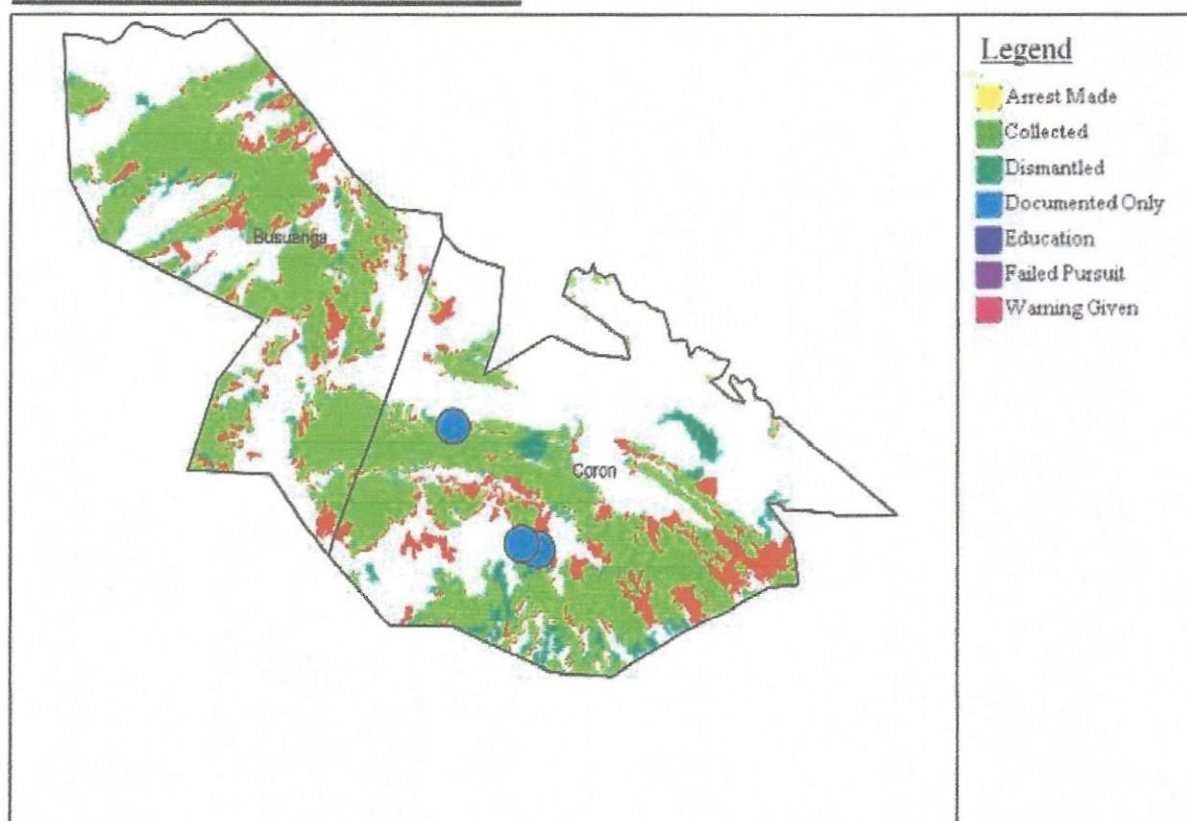
Location of observed threats



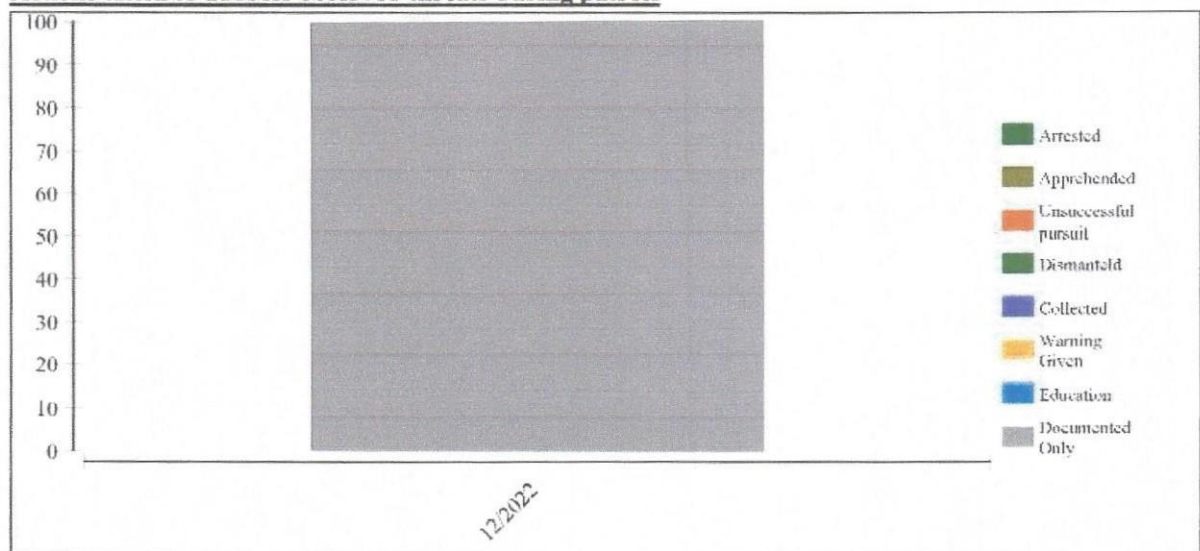
Locations and urgency of responses needed



Locations of actions taken to address threats



Actions taken to address observed threats during patrols





Republic of the Philippines

Department of Environment and Natural Resources

Lawin Forest and Biodiversity Protection System

Summary Response Report

Region 04B - BPR

Number of days analyzed: 31

Dec 3, 2022 3:27 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
		4	

Number of threats requiring post-patrol responses:

Status of threats

No action yet	Requires further action	Addressed	Invalid observation

Responses per threat

[illegible]