



Republic of the Philippines
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Community Environment and Natural Resources Office
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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
Coron, Palawan

SUBJECT : **REPORT ON THE IMPLEMENTATION OF LAWIN FOREST
AND BIODIVERSITY PROTECTION SYSTEM WITHIN THE
FOREST CONSERVATION AREA (FCA) OF BPR FOR THE 3rd
QUARTER OF 2023**

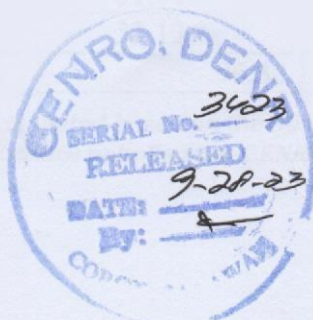
DOCUMENTS
ATTACHED : 1. BPRMO Report on Lawin Accomplishment for 3rd Quarter of 2023

DATE : SEP 26 2023

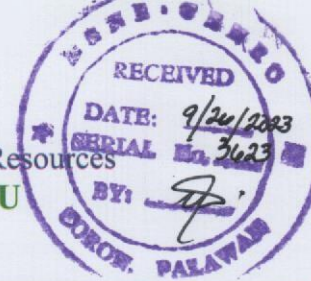
Respectfully forwarding herewith is the attached report of the BPR Management Office for the 3rd Quarter of 2023 on the implementation of Lawin Forest and Biodiversity Protection System Accomplishments. Based on the report, the BPRMO patrolled a total distance of 96.34 km or 107.04 % of their quarterly target as per BRPMO's 3rd Quarter Lawin Patrol Plan of 2023.

Likewise, BPRMO will file case on those individuals who did not comply with Notice to Vacate this succeeding months for violation of Section 78 of P.D. 705 as amended.

For the Regional Executive Director's information and record.




RODNEY G. VERIAN



BPR MANAGEMENT OFFICE
RELEASED

Date: 09.26.2023
By: ayo. PP 11 258 5
Ref. Code: LA 0366

MEMORANDUM

FOR : The 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 WITHIN THE FOREST CONSERVATION AREA (FCA) OF BPR FOR THE 3rd QUARTER OF 2023**

DOCUMENTS

ATTACHED : 1. BPRMO SMART-generated report for 3rd Quarter of 2023

DATE : SEP 26 2023

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 Busuanga and Coron, Palawan within the BPR area for the 3rd Quarter of 2023.

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 from July to September 2023 is 90 kilometers (km) based on the Lawin Patrol Plan for 3rd Quarter of 2023. Based on the results, the BPRMO Patrol Teams were able to traverse an aggregate distance of 96.34 km or 107.04 % (Table 1).

Table 1. BPRMO Lawin monitoring and patrolling accomplishment for 3rd Quarter of 2023

Months	Target (Km)	Accomplishment (Km)	Difference (Km)	Accomplishment (%)
July	30	32.60	(2.60)	108.67
August	30	31.61	(1.61)	105.36
September	30	32.13	(2.13)	107.10
3rd Quarter	90	96.34	(6.34)	107.04

*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 1,406 Forest Condition Counts (FCCs) recorded during the patrolling. Early Secondary Forest (ESF) appears to have the highest figure recorded for the 3rd Quarter of 2023 with 618 or 44%, while Old Growth Forest have the least with 3 counts or 0.2%. The remaining forest condition such as: Open Uncultivated (OUC), Open-Cultivated (OC), and Advance Secondary Forest (ASF) with corresponding total figures of 390 (28%), 303 (21%), and 92 (7%), respectively. Based on the SMART analysis, the total FC with good condition has a total count of 713 or 51.2% which includes OGF, ASF and ESF. The OUC count appears to be significant, but this is due to teams traversing large grassland areas which are a natural feature of BPR while conducting the patrol.

Table 2. Patrol Observation: Forest Condition Counts

Forest Condition											
OGF		ASF		ESF		OUC		OC		Total	
Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
3	0.2	92	7	618	44	390	28	303	21	1406	100

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

With respect to the presence of natural regenerants, 797 FCCs or 56% of the total FCC were recorded while 609 FCCs or 43% with absence of natural regenerants. There were no or 0% recorded dense natural regenerants, while three hundred twenty-nine (329) FCCs or 23% and four hundred sixty-eight (468) or 33% are 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	329	33	468	33	797	56	609	43	1406	100

Table 4 shows the observed and recorded threats within the FCA of BPR. A total of forty-two (42) counts of threats were observed and recorded during the Lawin monitoring and patrolling for the 3rd Quarter of 2023 of the BPR Management Office. This was accounted for twenty-five (25) cutting of trees; eleven (11) for huts or houses and other infrastructures; three (3) for slash and burn farming (kaingin); one (1) annual and perennial farming; and one (1) charcoal.

Table 4. Patrol Observation: Threat Count

Threats	No. of observation
Cutting of trees	25
Huts or Houses and other Infrastructures	11
Slash and burn farming or kaingin	3
Annual and Perennial farming	2
Charcoal	1
Total	42

As can be viewed from the map in Annex C, the threats observed/documented in the FCA during the 3rd Quarter of 2023 are found in Barangays of Decalachao, San Jose, San Nicolas, Guadalupe, Bintuan, Coron, Palawan; Barangays of Sagrada, New Busuanga, Sto. Niño, San Rafael, Old Busuanga, Cheey, Busuanga, Palawan. The current threat index for the 3rd Quarter was computed as 0.40 (July), 0.70 (August), 0.22 (September) threats per kilometer (T/Km) which was lower than the previous quarter which was computed as 0.49 (April), 0.95 (May), 0.43 (June) threats per kilometer (T/Km) threat index respectively.

II. Actions on the threats observed/ recorded

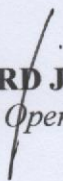
As initial action of the BPRMO on the threats observed/ recorded during the conduct of Lawin activity, for the 3rd Quarter has already on the months of July to September has already sent communication letters to the concerned barangays for their information regarding the illegal activities in their area of jurisdiction inside the BPR. Further, this office will still conduct a follow-up investigation on the threats observed/ recorded during the Lawin activities.

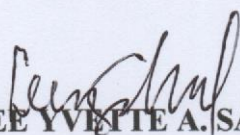
III. Remarks and Recommendations

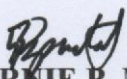
- 1) Frequency of the visibility of patrolling and Lawin monitoring within the Forest Conservation Area of BPR is being intensified to include weekends, if necessary, in order to prevent and immediately address any possible threats within the forested areas of BPR;
- 2) As stipulated in the future actions, 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 as amended and other environmental laws, if so warrant; and
- 4) Conduct and participation in rehabilitation activities such as tree planting, enrichment planting and assisted natural regeneration to maintain and accelerate the recovery of forest cover for approval.

For the CENR Officer'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


BERNIE P. MANTAL
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

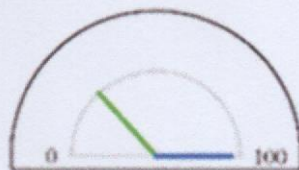
Number of days analyzed: 92

Sep 24, 2023 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*

Level of Accomplishment



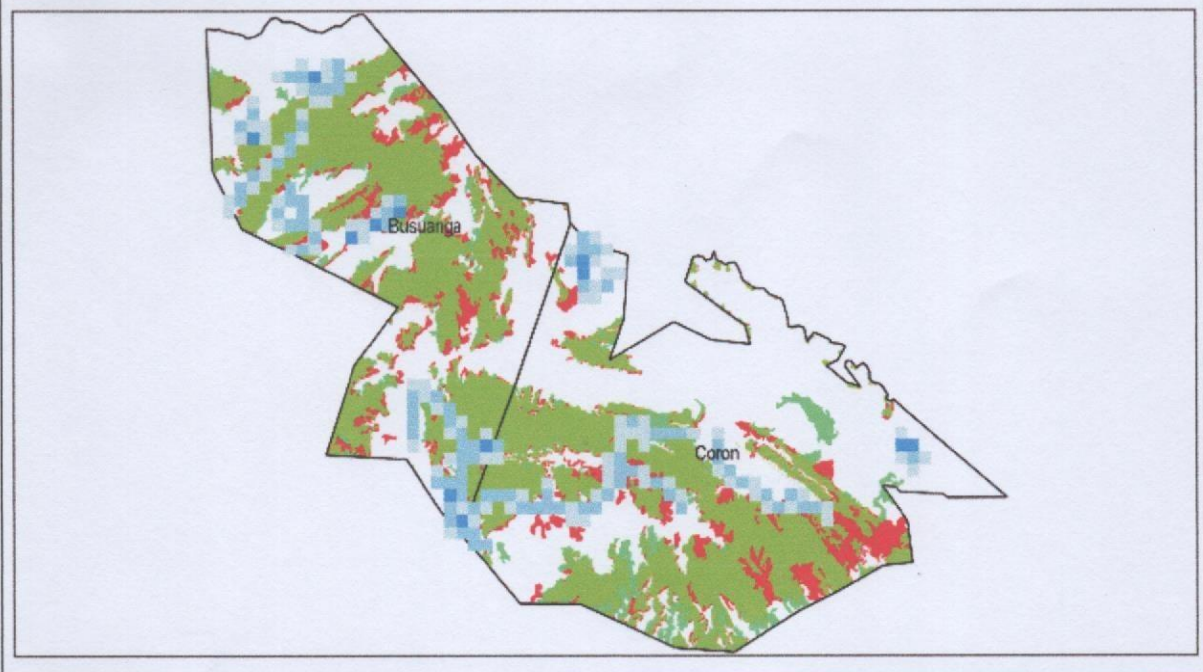
● Accomplishment
 ● Target

Accomplishment* for the period	Target* distance for the period
107.04	90

Accomplishment Rate:
 97.04

*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
Rommel Gacayan	66.21
Emerson Montanez, Jr.	59.56
Dindo Sarmiento	57.68
Michael Acbang	56.71
Desiree Yvette Sandoval	56.21
Archie Agnes	55.64
Gricilito Lagao	54.97
Richard Galagate	53.77
Leonardo Puno	52.70
Bernie Mantal	51.64
Joy Kristel Degorio	49.68



Forest Protection Effectiveness Report

Region 04B - BPR

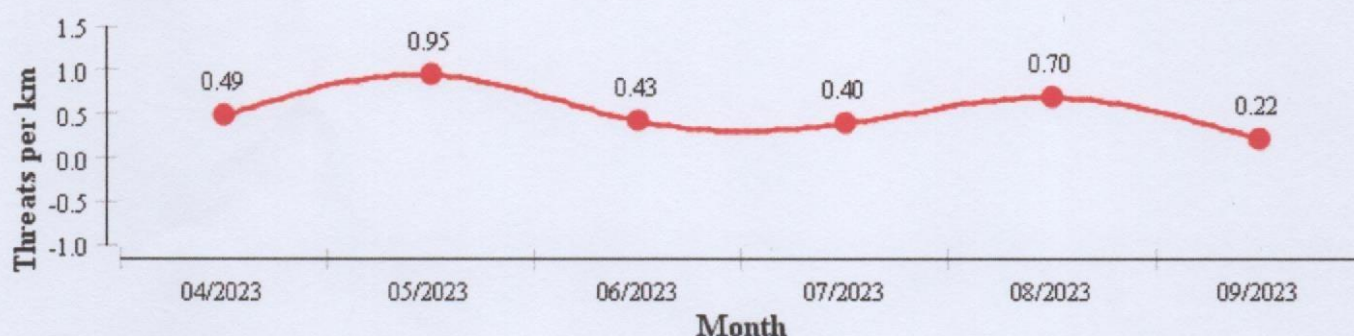
Number of days analyzed: 183

Sep 24, 2023 10:56 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.

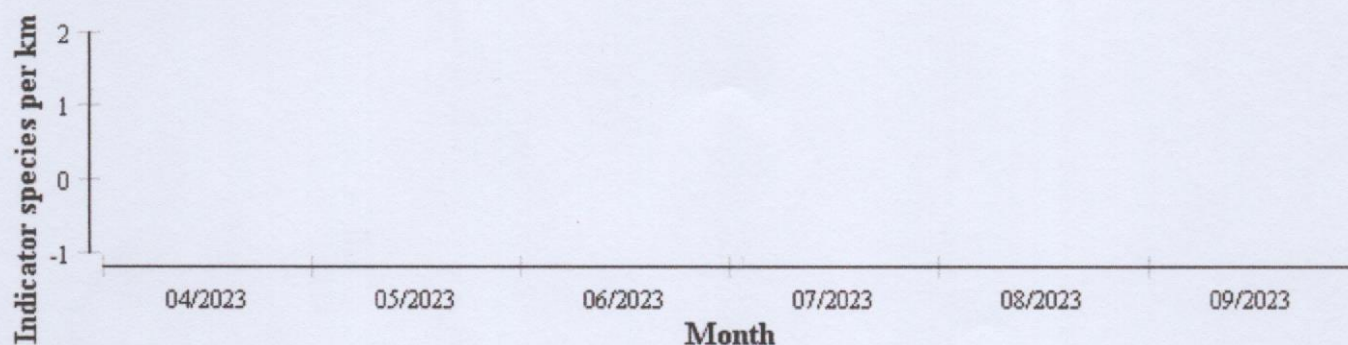
Trends of Observations per Patrol Kilometer in the Forest Conservation Area

Trend in Threats



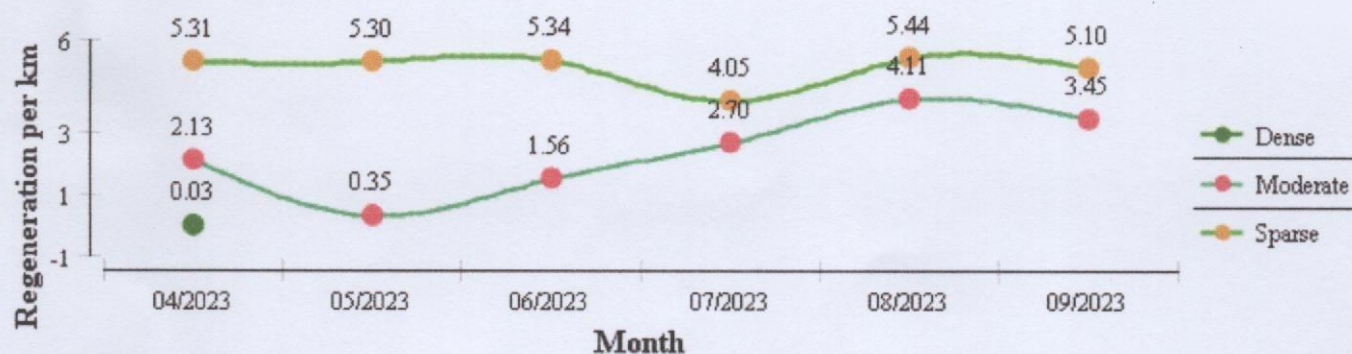
A decreasing trend in threats in the forest conservation area mean effective forest protection; an increasing trend means the opposite.

Trend in Indicator Species



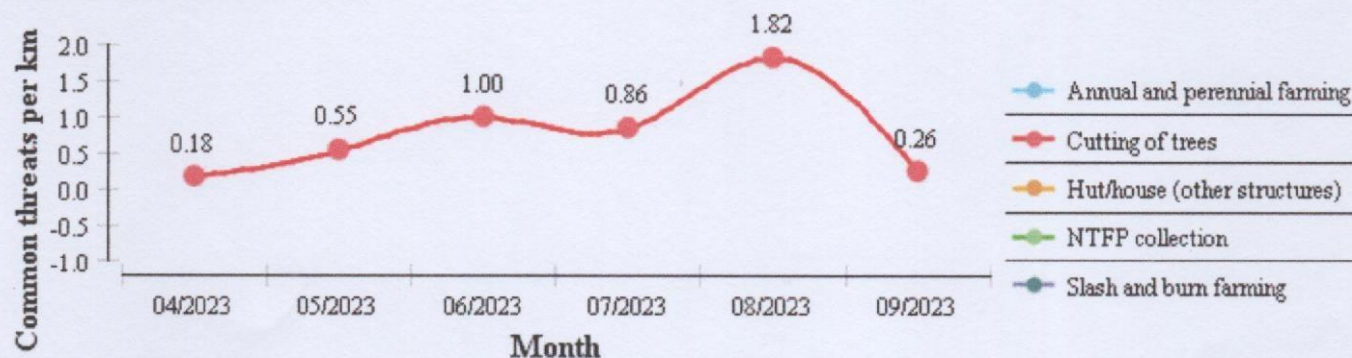
An increasing trend in indicator species in the forest conservation area means effective forest protection; a decreasing trend means the opposite.

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: 92

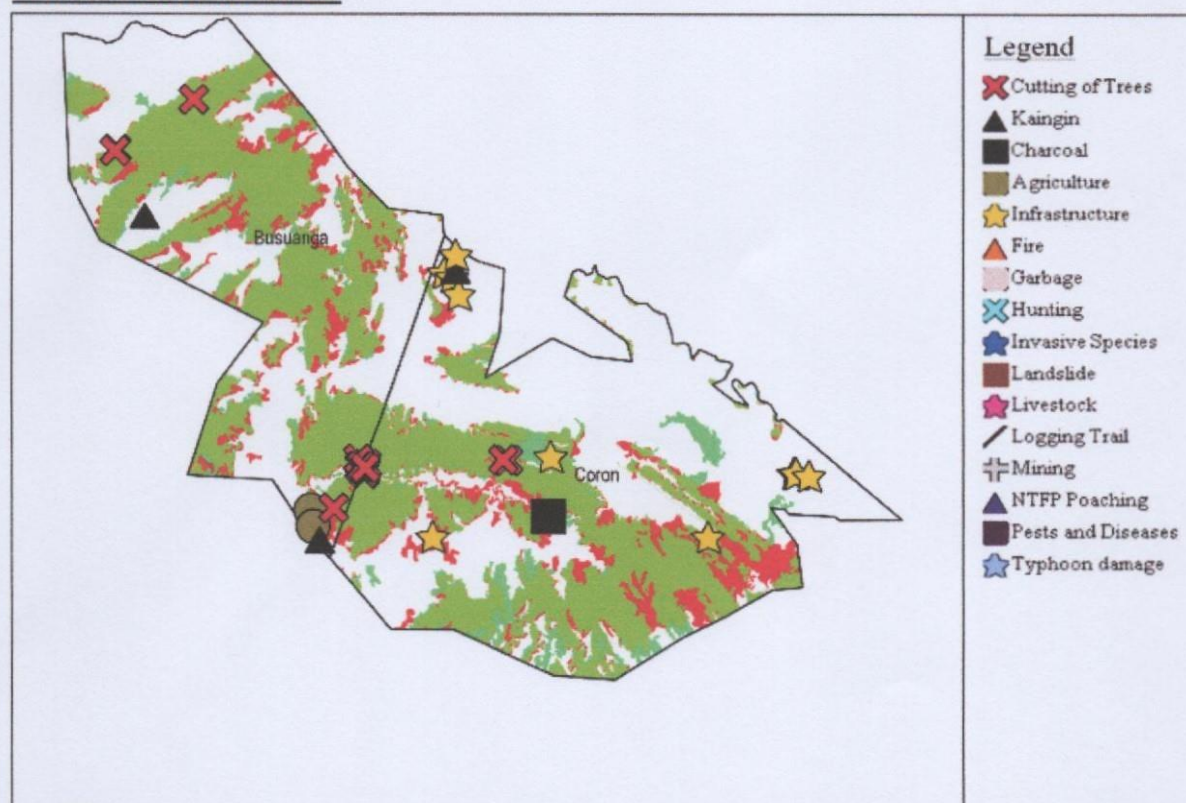
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This report presents information for the implementing units of DENR to effectively plan and carry out actions for addressing observed threats to the forest.

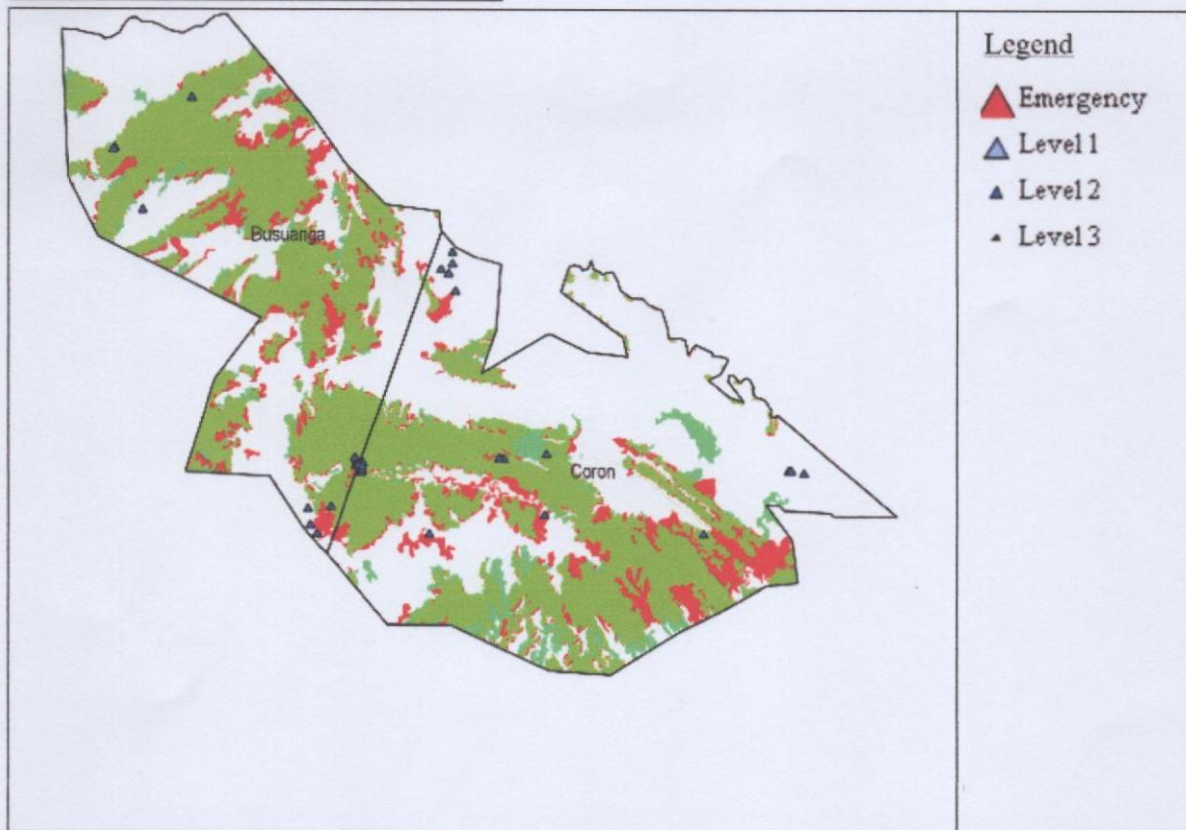
Threats observed and level of response required

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	25	0	0	25
Hut or House and Other Infrastructure	11	0	0	11
Slash and Burn Farming (Kaingin)	3	0	0	3
Annual and Perennial Farming	2	0	0	2
Charcoal	1	0	0	1

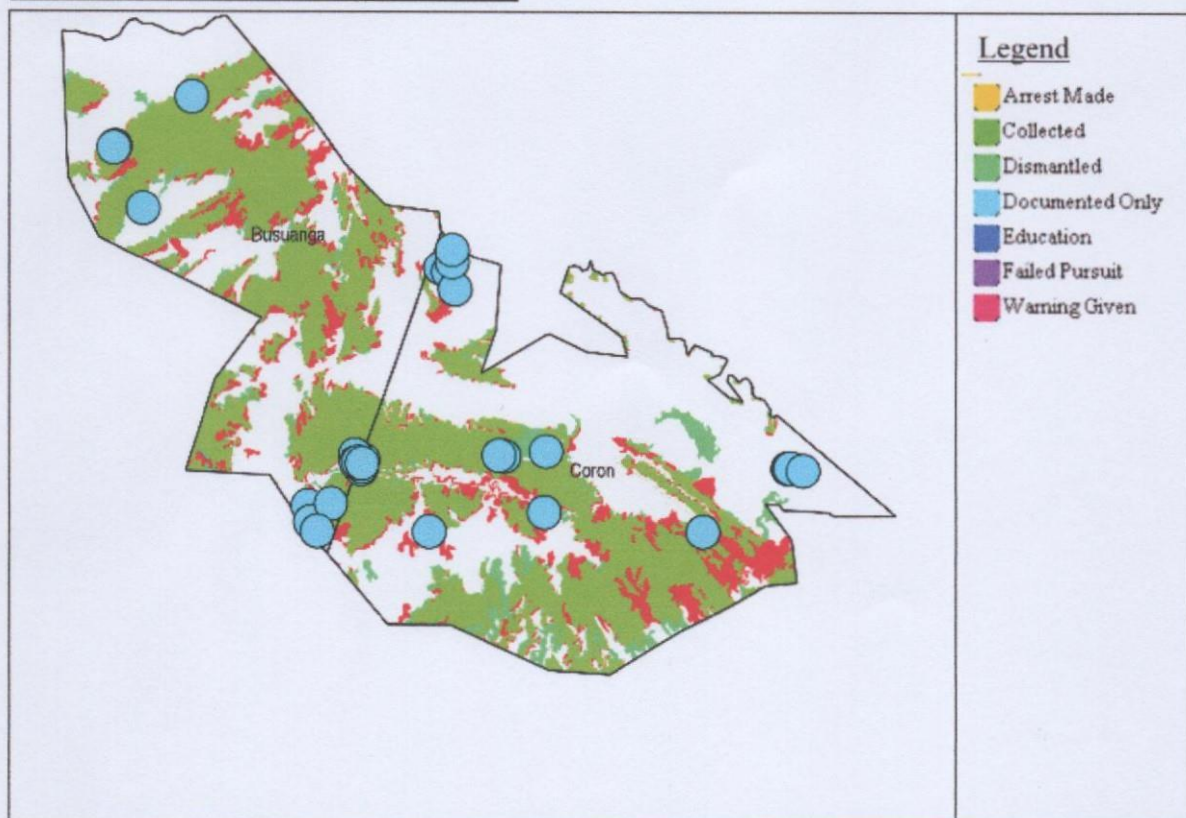
Location of observed threats



Locations and urgency of responses needed



Locations of actions taken to address threats



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