



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>



## MEMORANDUM

FOR : The CENR Officer  
CENRO Calamianes Islands  
Coron, Palawan

FROM : The OIC, BPR Management Office

SUBJECT : **REPORT ON LAWIN MONITORING AND PATROLLING  
ACTIVITIES OF BPR MANAGEMENT OFFICE WITHIN THE  
FOREST CONSERVATION AREA (FCA) OF BPR FOR 3<sup>rd</sup>  
QUARTER OF 2021**

DOCUMENT  
ATTACHED : BPRMO SMART-generated report;

DATE : **OCT 15 2021**

Forest Management Bureau  
BPR MANAGEMENT OFFICE  
**RELEASED**

Date: **10-15-2021**

By: **K** PP **11/44/3**

Ref. Code: **LA0164**

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 3<sup>rd</sup> Quarter of 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 September 2021 is 90 kilometers (km) based on the Lawin Patrol Plan for 3<sup>rd</sup> Quarter of 2021. Based on the results, the BPRMO Patrol Teams were able to traverse an aggregate distance of 91.34 km or 101.49 % (Table 1).

Table 1. BPRMO LAWIN monitoring and patrolling accomplishment for 3<sup>rd</sup> Quarter of 2021

Months	Target (Km)	Accomplishment (Km)	Difference (Km)	Accomplishment (%)
Jul-Sep	90	91.34	(1.34)	101.49

*\*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 408 Forest Condition Counts (FCCs) recorded during the patrolling. Early Secondary Forest (ESF) appears to have the highest figure recorded for 3<sup>rd</sup> Quarter of 2021 with 154 counts or 38%, while Old Growth Forest have the least with 10 counts or 2%. The remaining forest conditions such as: Open, Uncultivated (OUC), Open-Cultivated (OC), and Advance Secondary Forest (ASF) with corresponding total figures of 119 (29%), 75 (18%), and 50 (12%), respectively. Based on the SMART analysis, the total FC with good condition has a total count of 214 or 52.45% which includes OGF, ASF and ESF. The OUC count appears to be significant, but this is due to teams traversing large grassland areas which is 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	%
10	2	50	12	154	38	119	29	75	18	408	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, 215 FCCs or 53% of the total FCC were recorded with presence of natural regenerants while 193 FCCs or 47% with absence of natural regenerants. There were nine (9) or 2% recorded dense natural regenerants, while seventy-eight (78) FCCs or 19% and one hundred twenty-eight (128) or 31% are recorded as moderate and sparse natural regenerants, respectively (Table 3). Based on the statistics, the low presence of regenerants may be attributed to dry climate condition prevailing during these months.

Table 3. Patrol Observation: Natural Regenerant Count

Regenerant										Total Forest Condition	
Presence of Regenerant								No Regenerants			
Dense		Moderate		Sparse		Total					
Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
9	2	78	19	128	31	215	53	193	47	408	100

In the 3<sup>rd</sup> quarter of 2021, there is no recorded observation of threats during the conduct of patrol and monitoring. The current threat index is computed as 0 threats per kilometer (T/Km) from the months of July to September 2021, down from 0.10 T /Km in June2021.

## 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;
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*





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

Oct 21, 2021 11:01 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

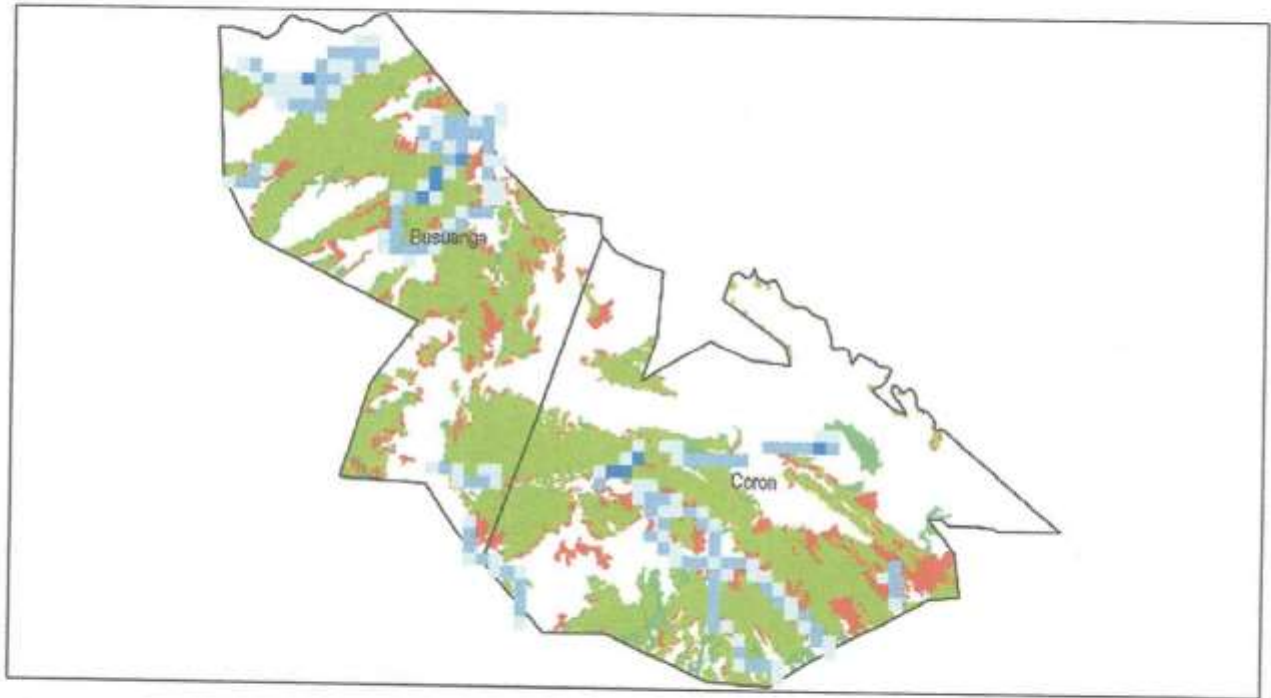
Summary Patrol Report

Accomplishment* for the period	Target* distance for the period
91.34	300.00

**Accomplishment Rate:**  
30.45%

\*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	51.25
Gricilito Lagao	51.25
Jojie Montanez	51.25
Leonardo Puno	51.25
Dindo Sarmiento	40.09
Michael Acbang	40.09
Ibrahim Factuar	35.65
Rommel Gacayan	35.52
Roderick Vallejo	26.84
Rovelyn Cruz	3.97



## Forest Protection Effectiveness Report

### Region 04B - BPR

Number of days analyzed: 273

Oct 21, 2021 11:35 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.

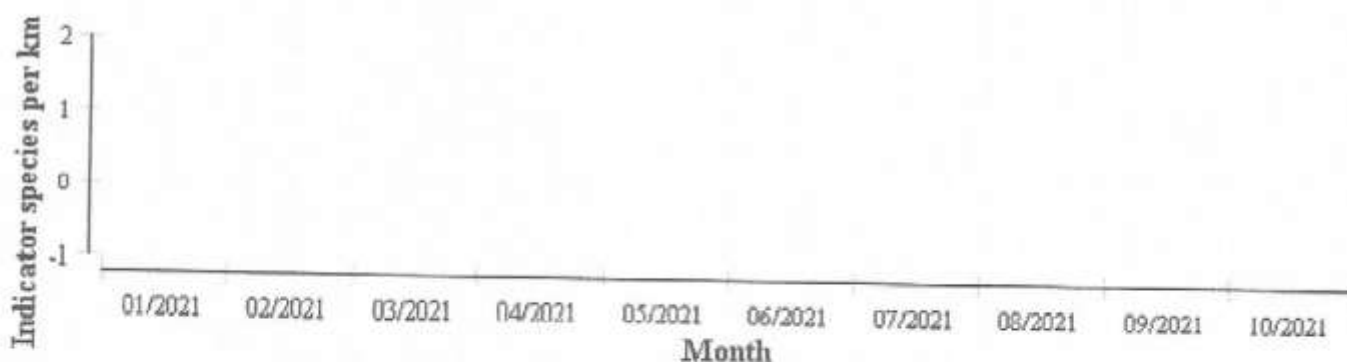
### Trends of Observations per Patrol Kilometer in the Forest Conservation Area

#### Trend in Threats



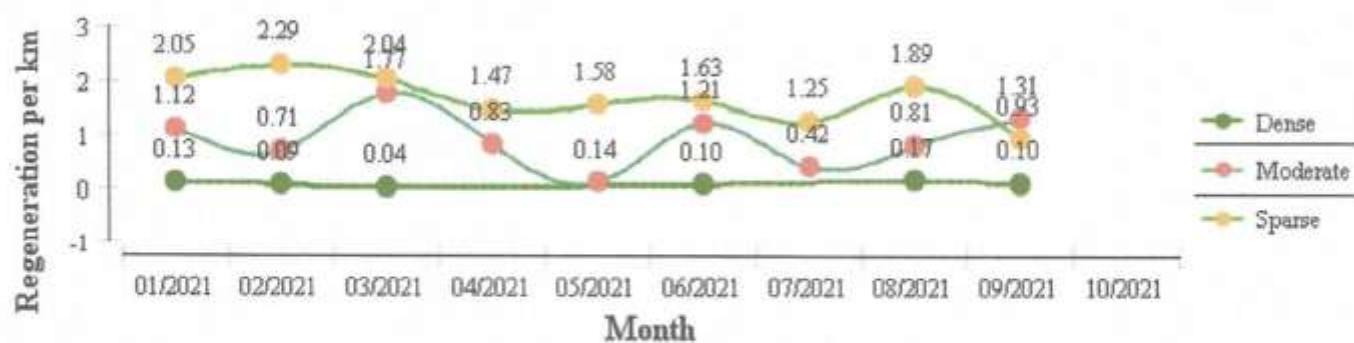
A decreasing trend in threats in the forest conservation area mean effective forest protection; an increasing trend means the opposite.

#### Trend in Indicator Species



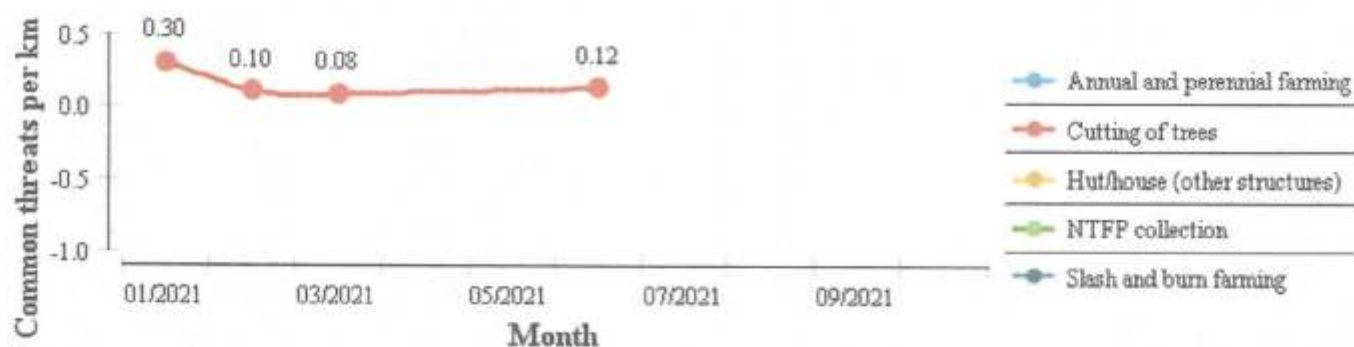
An Increasing trend in indicator species in the forest conservation area means effective forest protection; a decreasing trend means the opposite.

### 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

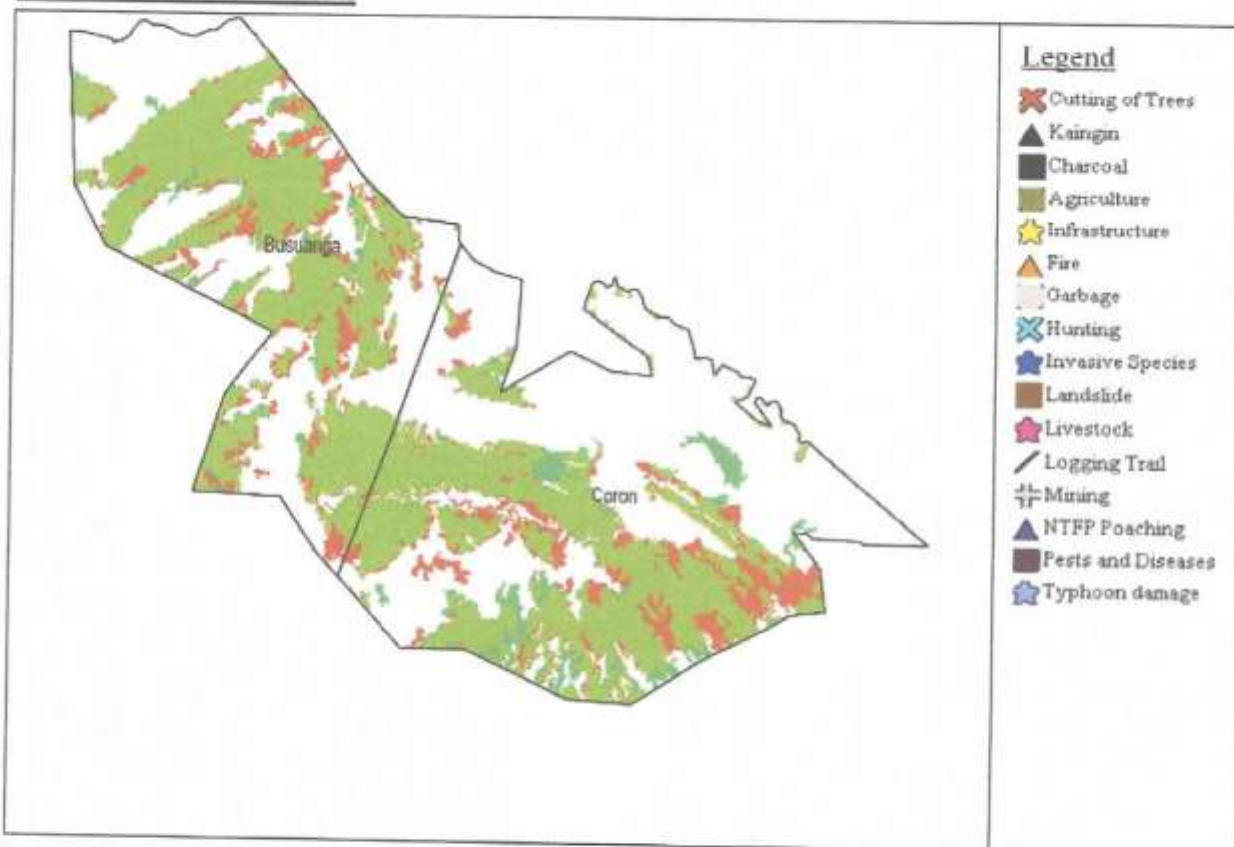
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This report presents information for the implementing units of DENR to effectively plan and carry out actions for addressing observed threats to the forest.

### Threats observed and level of response required

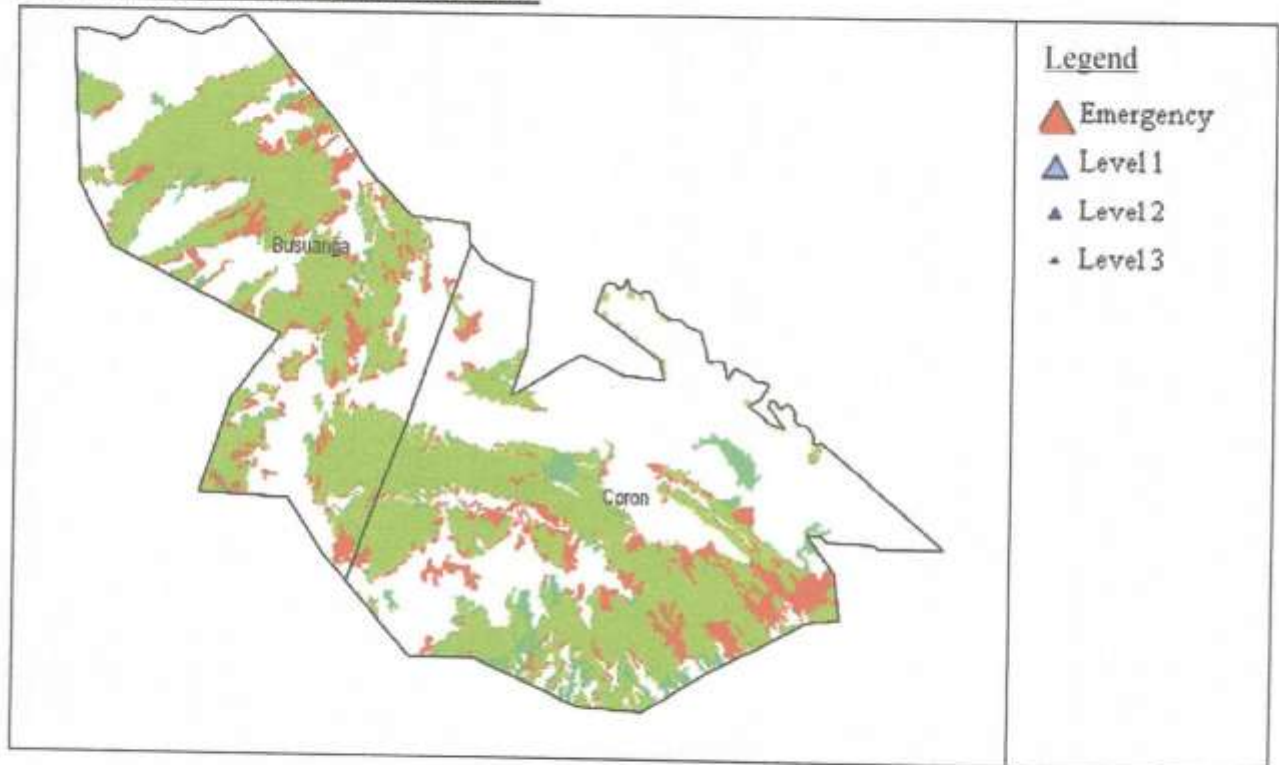
Threat	No. of Observations	Emergency - Immediate action required!	Level 1 - Action required within a week	Level 2 - Action required within a month
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### Location of observed threats

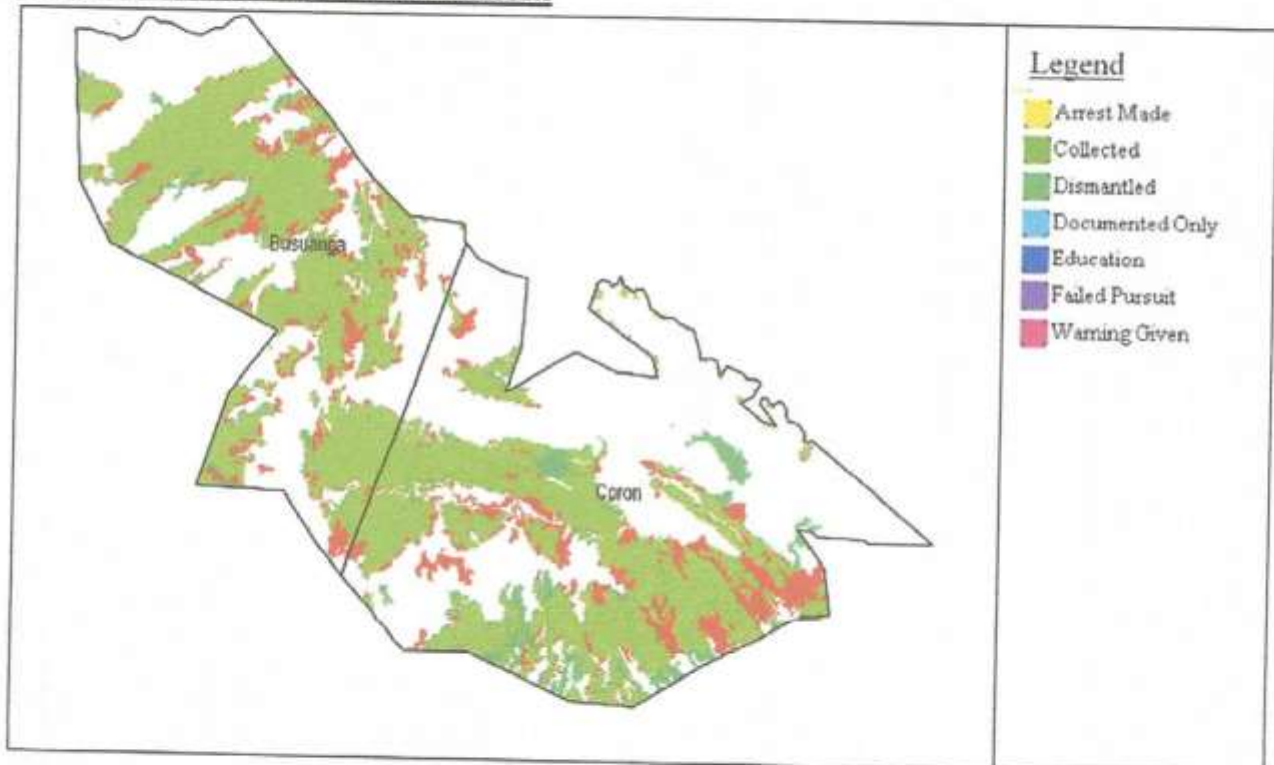




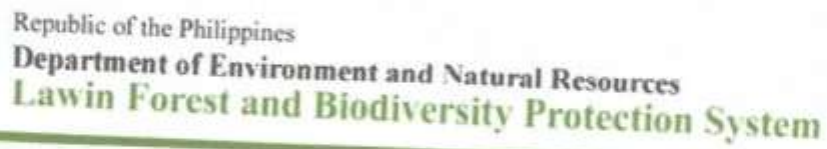
Locations and urgency of responses needed



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:	92
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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.

Number of threats observed:

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

Number of threats requiring post-patrol responses:

### Status of threats

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

### Responses per threat

[illegible]