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
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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 BPRMO WITHIN THE FOREST CONSERVATION AREA (FCA) OF BPR FOR THE MONTH OF SEPTEMBER 2021**

DOCUMENT
ATTACHED   :   BPRMO SMART-generated report;

DATE   :   **OCT 1 5 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 September 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 30 kilometers (km) based on the Lawin Patrol Plan for 3rd Quarter of 2021. Based on the results, the BPRMO Patrol Teams were able to traverse an aggregate distance of 28.92 km or 96.40 % (Table 1).

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

Months	Target (Km)	Accomplishment (Km)	Difference (Km)	Accomplishment (%)
September	30	28.92	-1.08	96.40

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.

Harnessing forestry science for sustainable development

Table 2 shows a total of 123 Forest Condition Counts (FCCs) recorded during the patrolling. Early Secondary Forest (ESF) appears to have the highest figure recorded for September 2021 with 49 counts or 40%, while Old Growth Forest have the least with 5 or 4% 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 (35%), 11 (9%), and 15 (12%), respectively. Based on the SMART analysis, the total FC with good condition has a total count of 69 or 56% 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	%
5	4	15	12	49	40	43	35	11	9	123	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 55% of the total FCC were recorded with presence of natural regenerants while 55 FCCs or 45% with absence of natural regenerants. There were three (3) or 2% recorded dense natural regenerants, while thirty-eight (38) FCCs or 31% and twenty-seven (27) or 22% 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	%
3	2	38	31	27	22	68	55	55	45	123	100

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) in September 2021, same from August 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;

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

MEMORANDUM

FOR	:	The Assistant Secretary for Policy, Planning and Foreign Assisted and Special Projects, and FMB Director
THRU	:	The Chief, Forest Investment Development Division
		The Chief, Forest Resources Conservation Division
FROM	:	The Officer-In-Charge, 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 SEPTEMBER 2021**
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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.

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: 30   Oct 15, 2021 2:58 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

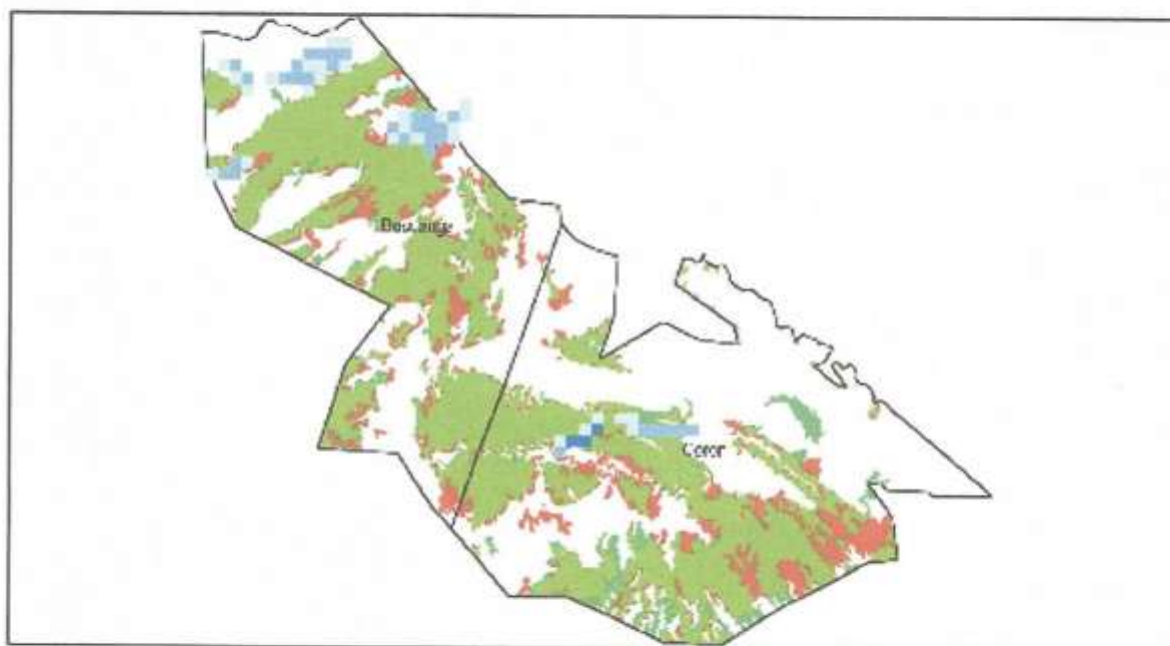Accomplishment* Target* distance
for the period   for the period
28.94   90.00

● Accomplishment
● Target

Accomplishment Rate:
32.16%

* 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	20.40
Gricilito Lagao	20.40
Jojie Montanez	20.40
Leonardo Puno	20.40
Dindo Sarmiento	8.54
Ibrahem Factuar	8.54
Michael Acbang	8.54
Roderick Vallejo	8.54
Rommel Gacayan	3.97
Rovelyn Cruz	3.97

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Forest Protection Effectiveness Report

Region 04B - BPR

Number of days analyzed: 273   Oct 15, 2021 2:48 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.
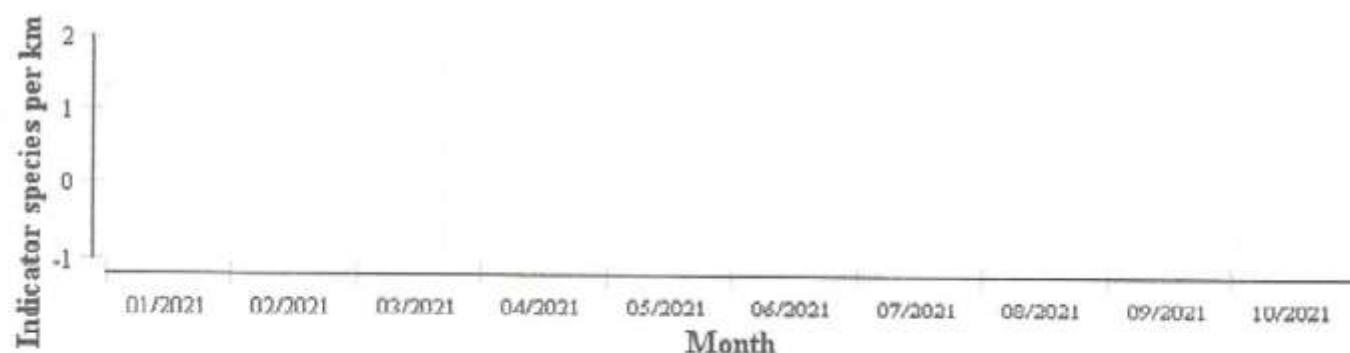
Trends of Observations per Patrol Kilometer in the Forest Conservation Area

Trend in Threats

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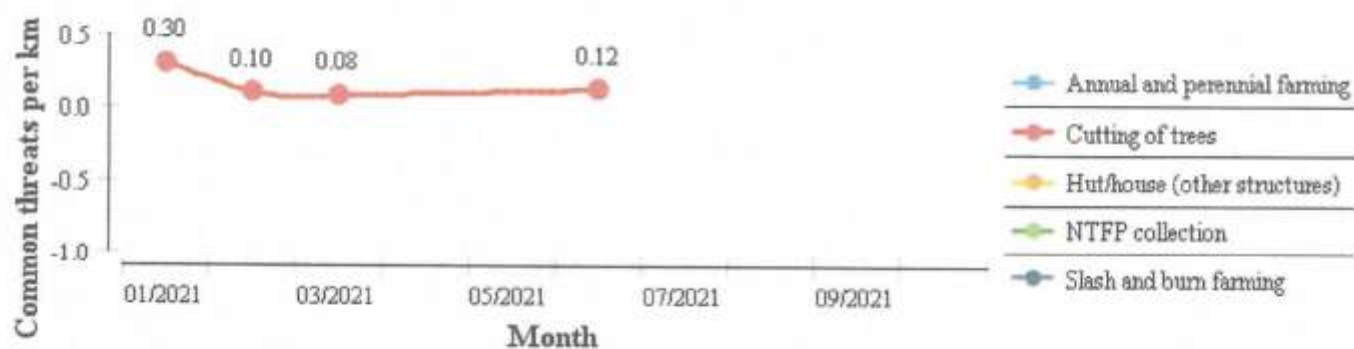
Trend in Indicator Species

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: 30   Oct 15, 2021 2:29 PM
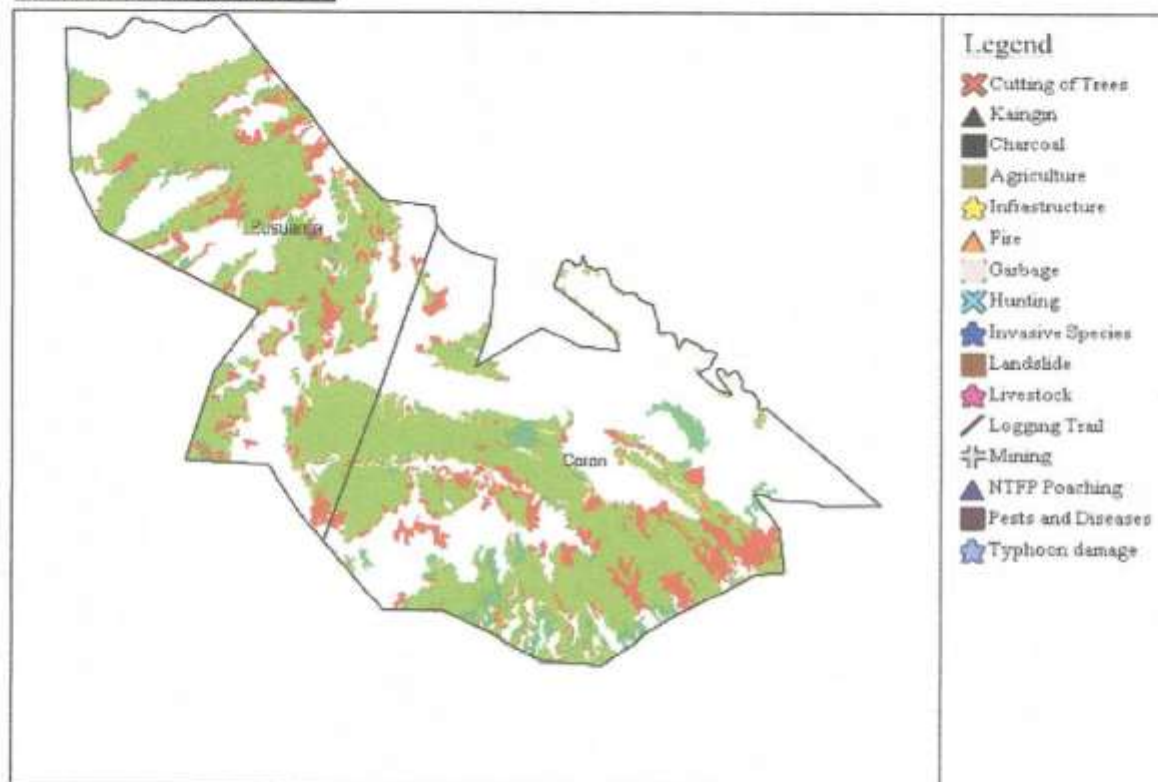
This report presents information for the implementing units of DENR to effectively plan and carry out actions for adressing observed threats to the forest.

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

Location of observed threats

Legend

- ✖ Cutting of Trees
- ▲ Kaingin
- ■ Charcoal
- ■ Agriculture
- ☆ Infrastructure
- △ Fire
- ▢ Garbage
- ✖ Hunting
- ★ Invasive Species
- ■ Landslide
- ★ Livestock
- ╱ Logging Trail
- ⚞ Mining
- ▲ NTFP Poaching
- ■ Pests and Diseases
- ☆ Typhoon damage

Locations and urgency of responses needed

Legend
- ▲ Emergency
- △ Level 1
- ▲ Level 2
- ▴ Level 3
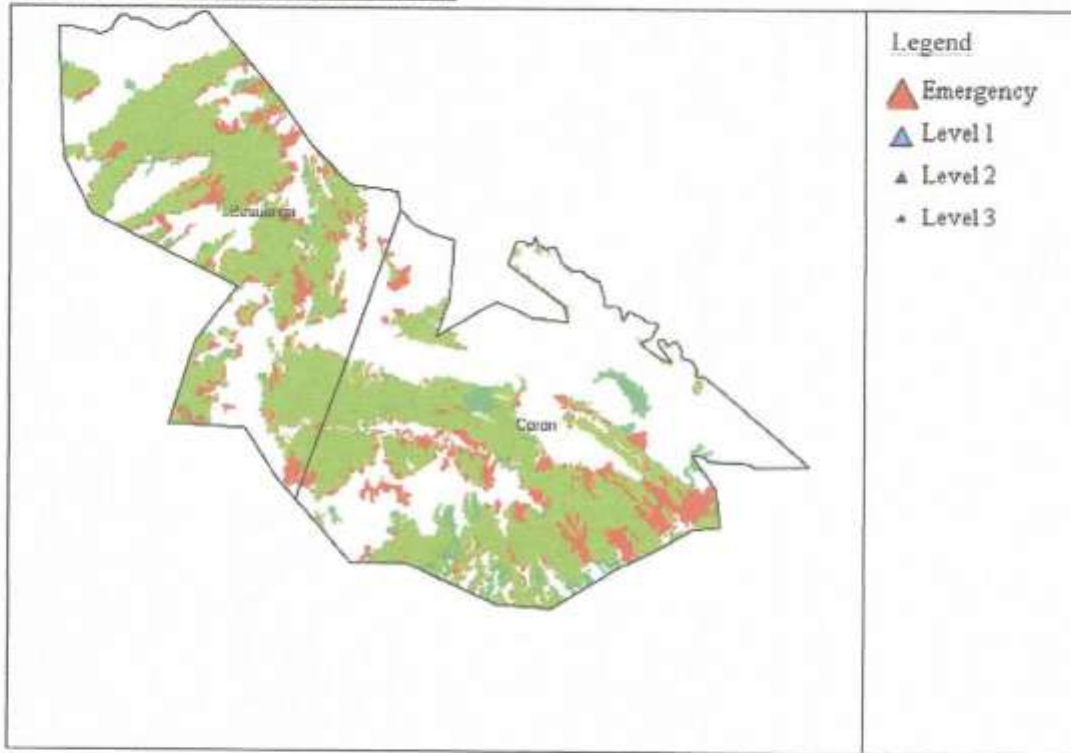
Locations of actions taken to address threats

Legend
- Arrest Made
- Collected
- Dismantled
- Documented Only
- Education
- Failed Pursuit
- Warning Given
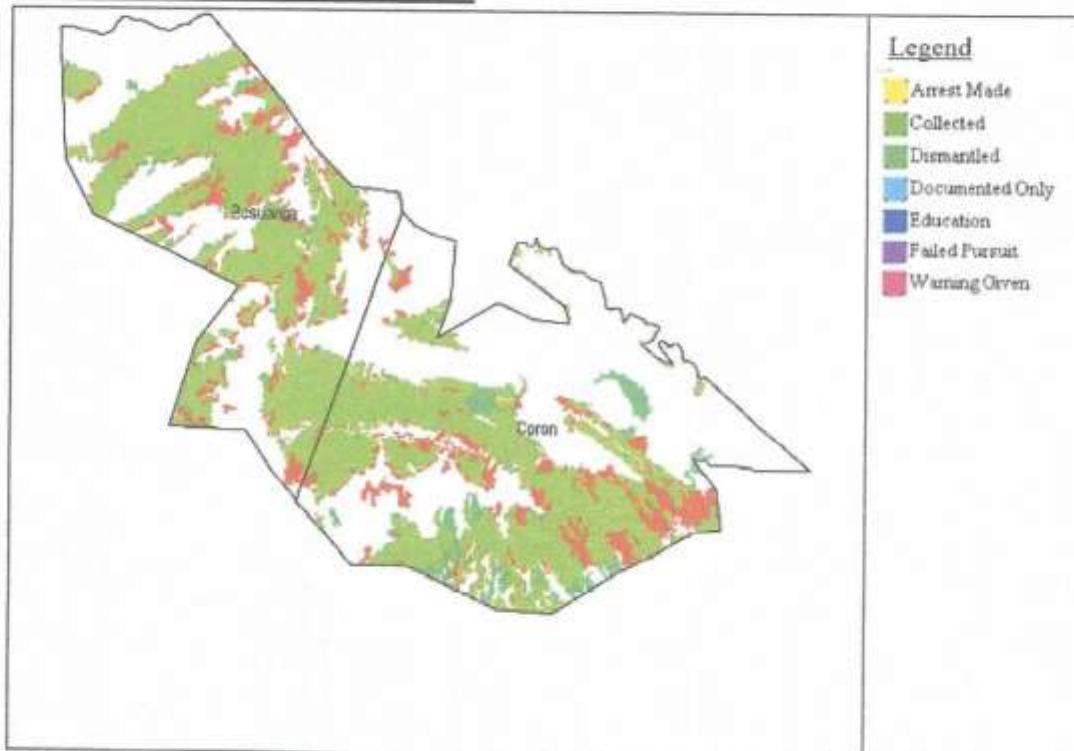
Actions taken to address observed threats during patrols

Annex D

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:	30	Oct 15, 2021 4:00 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:

Distribution of level of response required to address observed threats:

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

Number of threats requiring post-patrol responses:

Status of threats

No action yet	Requires further action	Addressed	Invalid observation

Responses per threat

Threat	Admin. proceedings	Coordination with LGU	Devt. project	Education	Garbage cleanup	Inv. sp. removal	Prosecution	Policy formulation	Wildlife rescue