



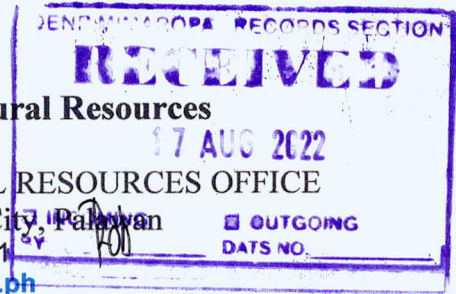
Republic of the Philippines  
**Department of Environment and Natural Resources**  
MIMAROPA Region

PROVINCIAL ENVIRONMENT AND NATURAL RESOURCES OFFICE

Bgy. Sta. Monica, Puerto Princesa City, Palawan

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August 4, 2022

**MEMORANDUM**

**FOR** : The Regional Executive Director  
DENR MIMAROPA Region  
1515 L&S Bldg., Roxas Blvd.  
Ermita, Manila

**FROM** : The Provincial Environment and  
Natural Resources Officer

**SUBJECT** : **REPORT ON LAWIN MONITORING AND PATROLLING  
ACTIVITIES OF BPRMO WITHIN THE FOREST  
CONSERVATION AREA (FCA) OF BPR FOR THE MONTH OF  
JULY 2022**

Respectfully forwarded is the memorandum of CENRO Coron dated July 26, 2022 in connection the above subject.

Based on the report, a total of 32.49 kilometers were covered with LAWIN patrolling for the month of July 2022. *(Please refer to the attached matrix of the report)*

For information and record.

  
FELIZARDO B. CAYATOC

Copy Furnished:  
CENRO Coron, Palawan  
<cenrocoron@denr.gov.ph>  
KVE/MES Doc. No. 2022-6934

DENR-PALAWAN  
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**RELEASED**  
By: *phen*  
Date: 19 AUG 2022 CN: 2022-10779



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

**SUBJECT :** **REPORT ON LAWIN MONITORING AND PATROLLING  
ACTIVITIES OF BPRMO WITHIN THE FOREST  
CONSERVATION AREA (FCA) OF BPR FOR THE MONTH OF  
JULY 2022**

**DOCUMENTS  
ATTACHED :** BPRMO Report on Lawin Accomplishment for July 2022

**DATE :** JUL 26 2022

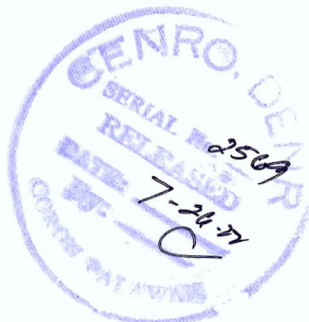
DENR PENRO  
PALAWAN RECORDS  
RECEIVED

BY: [Signature]  
DATE: 08-01-2022 22-6934

Respectfully forwarded is the report of the BPR Management Office for the month of July 2022 Lawin Monitoring and Patrolling Accomplishments. Based on the report, the BPRMO patrolled a total of 32.49 km or 108.3% of their monthly target as per BRPMO's 3<sup>rd</sup> Quarter Lawin Patrol Plan of 2022.

For the Regional Executive Director's information and record.

For and in the absence of the OIC, CENRO

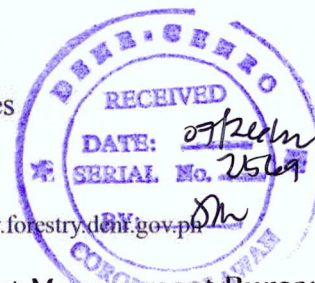


[Signature]  
**EDWIN L. CAC**  
OIC, DMO IV  
Officer In-charge of the CENRO





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>



Forest Management Bureau  
**BPR MANAGEMENT OFFICE**  
**RELEASED**

## MEMORANDUM

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

FROM : The Undersigned, 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  
JULY 2022**

DOCUMENT  
ATTACHED : BPRMO SMART-generated report

DATE : JUL 26 2022

Date: 07-26-2022  
By: [Signature] PP 11/14/3  
Ref. Code: LA0242

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 Coron and Busuanga, Palawan within the BPR area for the month of July 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 July 2022 is 30 kilometers (km) based on the Lawin Patrol Plan for the 3<sup>rd</sup> Quarter of 2022. On the said month, the BPRMO Patrol Teams were able to traverse an aggregate distance of 32.49 km or 108.3 % (Table 1).

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

Month	Target (km)	Accomplishment (km)	Difference (km)	Accomplishment (%)
July	30	32.49	2.49	108.3

*\*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 489 Forest Condition Counts (FCCs) recorded during the patrolling. Open-Uncultivated (OUC) appears to have the highest figure recorded for July 2022 with 281 counts or 58%, while Old Growth Forest (OGF) has the least recorded observation with 11 counts or 2%. The remaining forest conditions such as Open-Cultivated (OC),



Advanced Secondary Forest (ASF), and Early Secondary Forest (ESF) with corresponding total figures of 38 (8%), 26 (5%), and 133 (27%), respectively. Based on the SMART analysis, the total FC with the good condition has a total count of 170 or 34.76% 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	%
11	2	26	5	133	27	281	58	38	8	489	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, 362 FCCs or 7.36% of the total FCC was recorded with the presence of natural regenerants while 312 FCCs or 64% were with the absence of natural regenerants. There were nine (9) or 2% recorded dense natural regenerants, while sixty-two (62) FCCs or 13% and one hundred six (106) 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	%
9	2	62	13	106	21	362	7.36	312	64	489	100

Table 4 shows the observed and recorded threats within the FCA of BPR. A total of thirteen (13) threats were observed and recorded during the Lawin Patrolling for the month of July and this was accounted for two (2) slash and burn farming (kaingin), nine (9) cutting of trees, and two (2) huts or house and other infrastructures.

Table 4. Patrol Observation: Threat Count

Threats	No. of observation
Slash and Burn Farming (Kaingin)	2
Cutting of Trees	9
Huts or house and other Infrastructures	2
<b>Total</b>	<b>13</b>

As can be viewed from the map in Annex C, the threats observed/documentated in the FCA during the month of July 2022 were found in Barangay New Busuanga in the Municipality of Busuanga, Palawan, and Barangays of San Nicolas, Bintuan and Guadalupe both in the Municipality of 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 On the other hand, there are no threats recorded in the month of February 2022 and May 2022.


## **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. Letter address to the Barangay 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 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 Jul 22, 2022 1:05 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\*



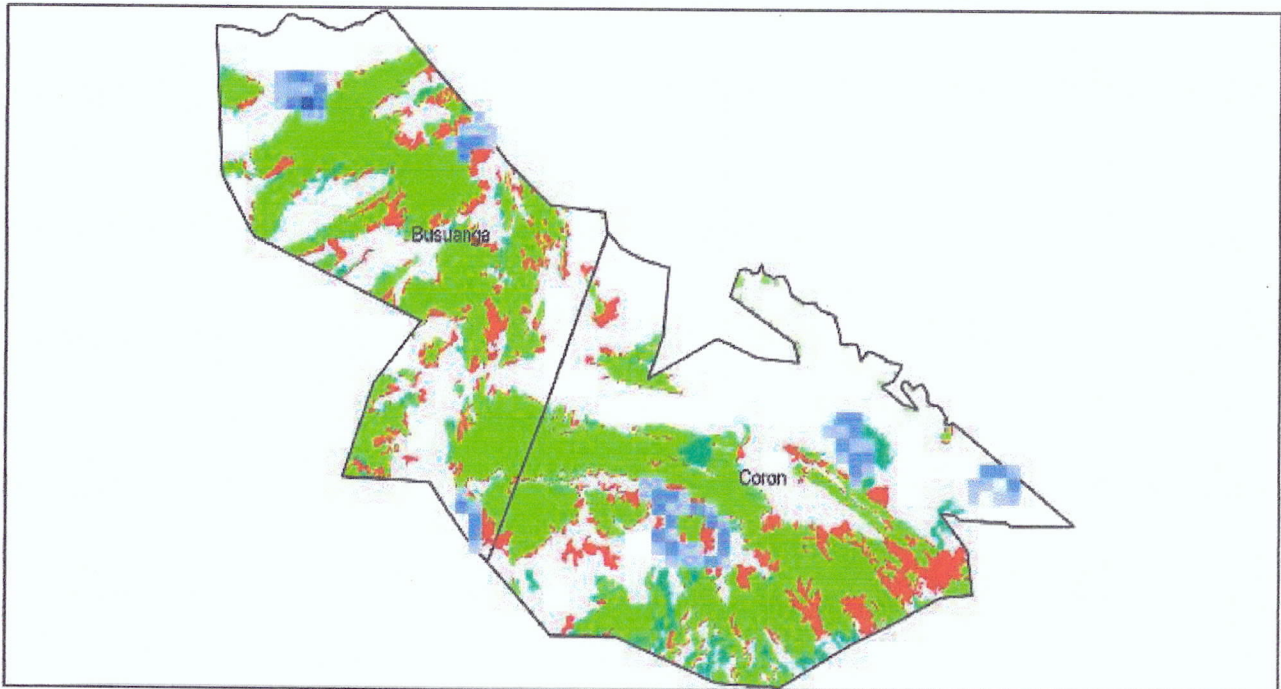
Accomplishment* for the period	Target* distance for the period
32.49	30

Accomplishment Rate:

38.3

\*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	20.30
Dindo Sarmiento	20.30
Michael Acbang	20.30
Rommel Gacayan	20.30
Archie Agnes	12.19
Emerson Montanez, Jr.	12.19
Gricilito Lagao	12.19
Jojie Montanez	12.19
Leonardo Puno	12.19
Joy Kristel Degorio	10.75



## Forest Protection Effectiveness Report

### Region 04B - BPR

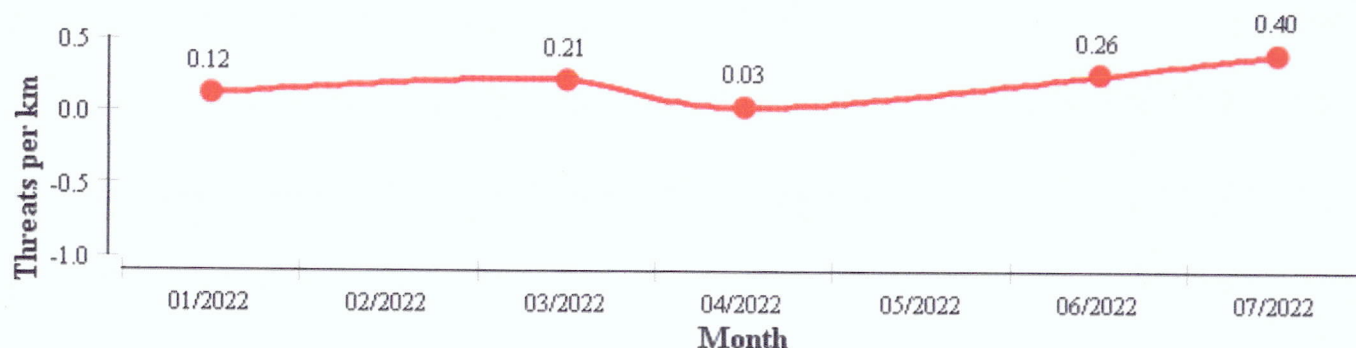
Number of days analyzed: 212

Jul 22, 2022 1:01 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.

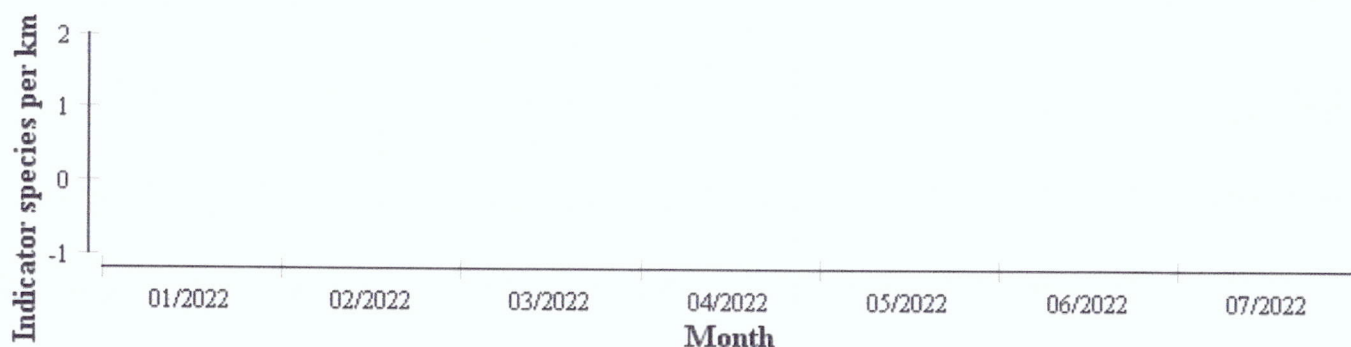
### Trends of Observations per Patrol Kilometer in the Forest Conservation Area

#### Trend in Threats



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

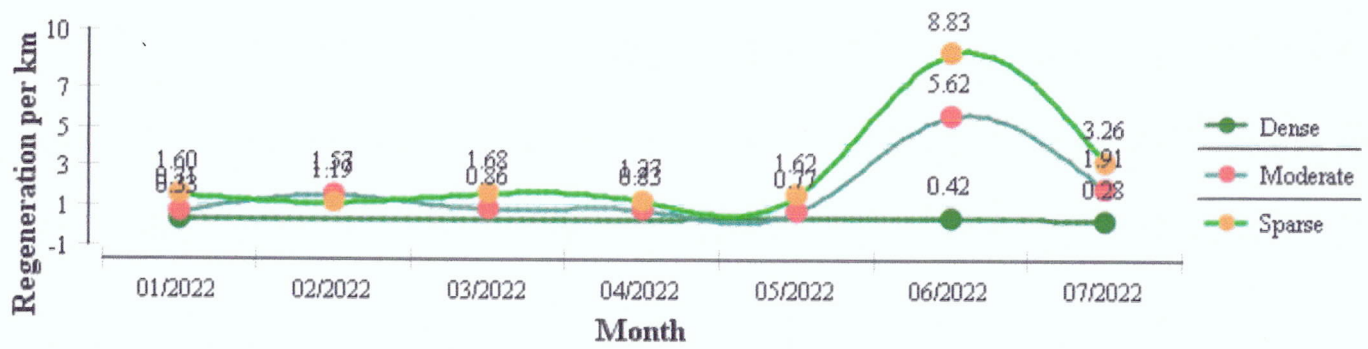
#### Trend in Indicator Species



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

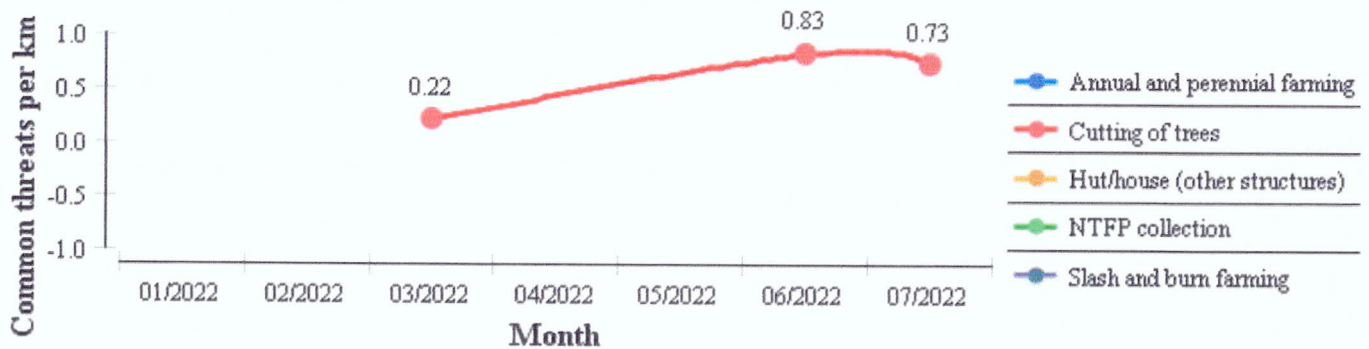


### Trends in Regeneration Density



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**

**Region 04B - BPR**

Number of days analyzed: 31

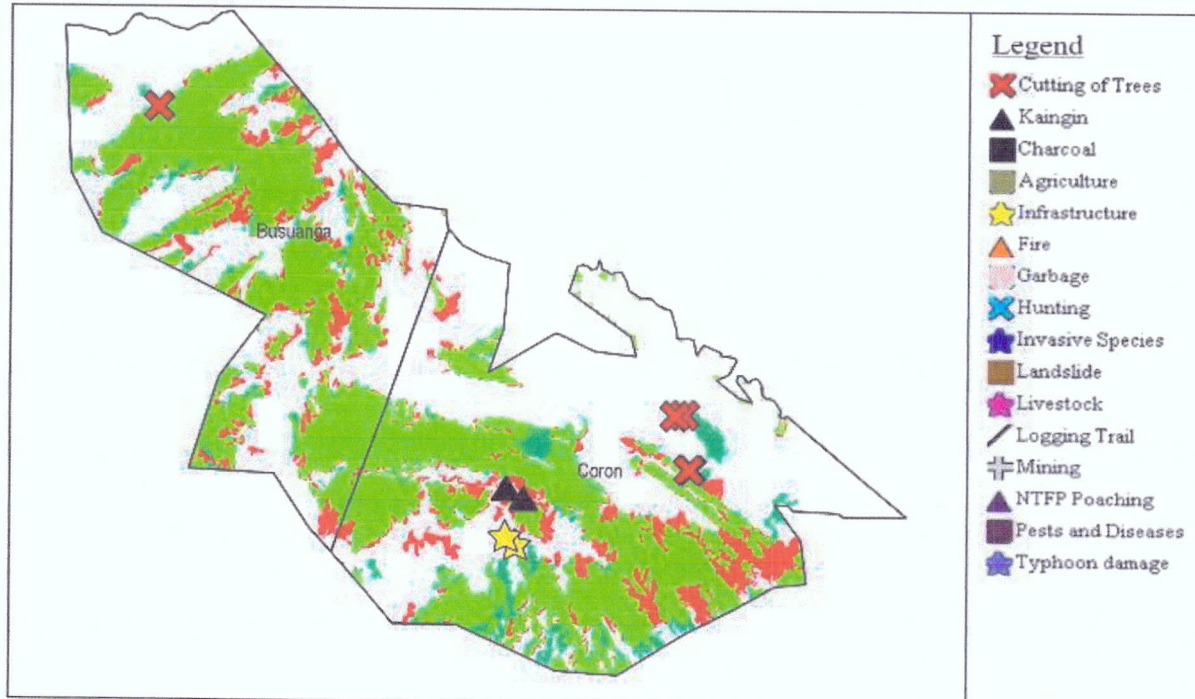
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This report presents information for the implementing units of DENR to effectively plan and carry out actions for addressing observed threats to the forest.

**Threats observed and level of response required**

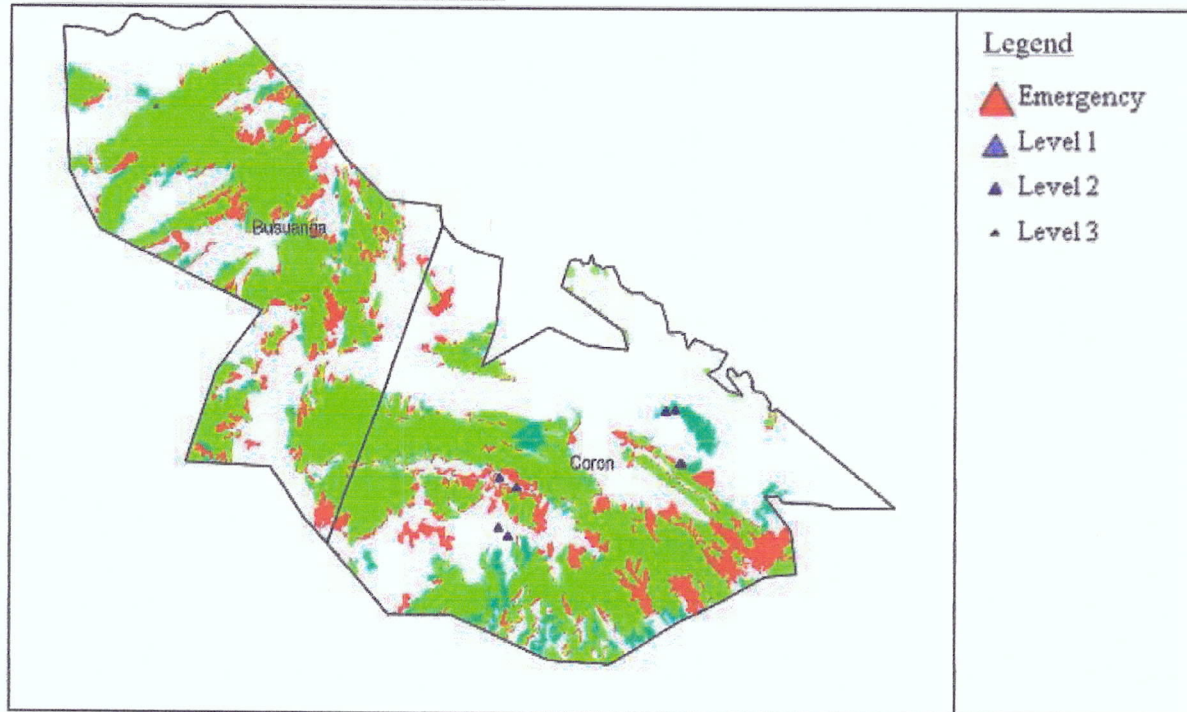
Threat	No. of Observations	Emergency - Immediate action required!	Level 1 - Action required within a week	Level 2 - Action required within a month
Cutting of Trees	9	0	0	8
Hut or House and Other Infrastructure	2	0	0	2
Slash and Burn Farming (Kaingin)	2	0	0	2

**Location of observed threats**

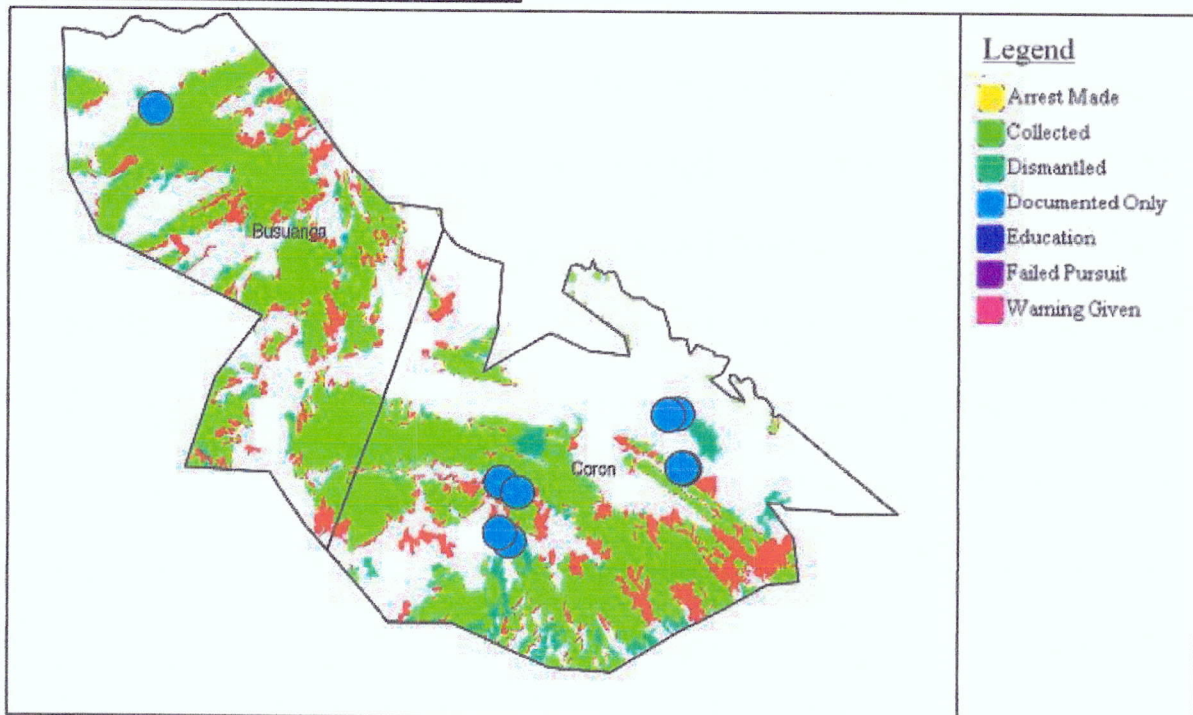




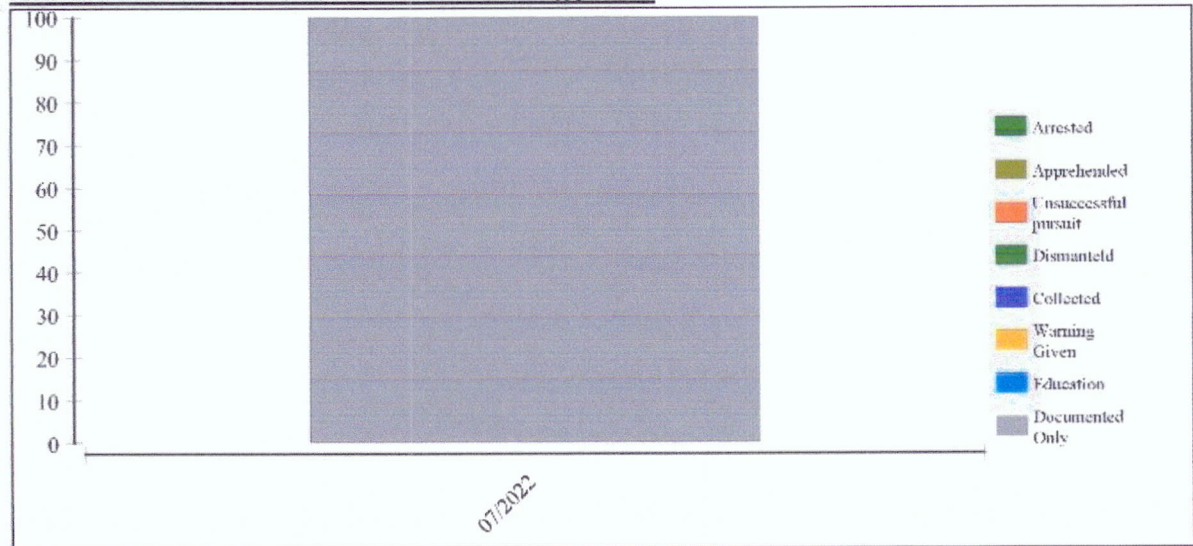
### Locations and urgency of responses needed



### 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**  
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.  
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THRU : The PENR Officer  
DENR-PENRO Palawan  
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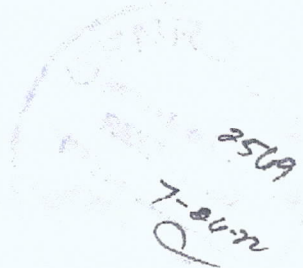
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DATE : JUL 26 2022

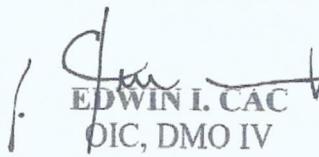
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For the Regional Executive Director's information and record.

2022-6934



For and in the absence of the OIC, CENRO

  
EDWIN I. CAC  
OIC, DMO IV  
Officer In-charge of the CENRO