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Republic of the Philippines  
Department of Environment and Natural Resources  
**PENRO Marinduque**

June 19, 2023

**FOR : The Regional Executive Director  
DENR – MIMAROPA Region**

**THRU : The OIC-Assistant Regional Director  
For Technical Services**

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

**SUBJECT : SUBMISSION OF THIRD (3<sup>rd</sup>) QUARTER PATROL PLAN CY 2023  
FOR LAWIN FOREST AND BIODIVERSITY PROTECTION  
SYSTEM OF PENRO MARINDUQUE.**

Submitted herewith is the Third (3rd) Quarter Patrol Plan of DENR-PENRO Marinduque with pertinent enclosures for LAWIN Forest and Biodiversity Protection System for the months of July to September, Calendar Year 2023.

This plan covers a total forest conservation area of 15, 077 hectares to be patrolled and monitored by 29 patrollers comprising one (1) female and twenty-eight (28) males, namely:

|                             |   |          |
|-----------------------------|---|----------|
| • Forest Ranger             | - | 8        |
| • Forest Technician I       | - | 2        |
| • Forest Protection Officer | - | 6        |
| • Park Maintenance Foreman  | - | 1        |
| • Park Ranger               | - | 4        |
| • Field Laborer             | - | 6        |
| • Forester 1                | - | 1        |
| • Supervising EMS/PASu      | - | 1        |
|                             |   | <hr/> 29 |

For information and record.

  
**IMELDA M. DIAZ**



Republic of the Philippines  
Department of Environment and Natural Resources  
**PENRO Marinduque**

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# Patrol Plan for the Natural Forest in PENRO-MARINDUQUE

## General Data

|  |   |
|--|---|
| Size of natural forest area (ha):  | 15,077 hectares (12,409 ha of close forest and 2,668 hectares of mangrove forest)   |
| Conservation targets   | 1. Deforestation rate reduced by 20% each year starting 2017 for the next 5 years.  |
|  | 2. No expansion of the current or existing slash and burn farms.  |
|  | 3. Maintain the 12,409 hectares of closed forest and prevent the destruction of the existing open forest, mangrove forest and other areas covered with established NGP plantation within the forest land. Thus, there will be no net forest loss. |
|  | 4. Incidence of timber poaching in terrestrial and mangrove forest, illegal logging, kaingin and small scale mining reduced by 20% each year starting 2017.   |
| Target patrol distance (km) per quarter  | 90.00   |
| Target barangays and municipalities to be covered within the period                    | Boac (Brgy. Tumagabok, Hinapulan, Binunga, Canat, Boi, Bayuti, Balagasan, Tugos, Duyay, Tambunan and Sibuyao)   |
|  | Gasan ( Brgy. Tiguion, Antipolo and Tabionan)   |
|  | Buenavista (Bicas-bicas, Bagacay andTungib-Lipata)  |
|  | Sta. Cruz (Brgys. Hupi, Balogo, Kasily, Kalangkang, Ipil, Botilao, Buyabod, Biga, Alobo, Tawiran, Masaguisi, Angas, Lapu-lapu, Kamandugan, Taytay, Polo and   |
|  | Torrijos (Mabuhay, Bonliw, Suha, kayduke, Malinao, Salumagui and Dampulan)  |
|  | Mogpog (Nangka II, Laon, Capayang, Ino, Balanacan, Argao, Sayao and Hinanggayon)  |
| Approximate area of natural forest in the target area to be covered within period (ha) |   |
| Period covered by this plan  | July to September 2023  |

|                   |   |
|-------------------|---|
| Resource Managers | OIC-PENRO IMELDA M. DIAZ,<br>Chief TSD Engr. CYNTHIA U. LOZANO<br>Chief MES, Forester III, NANNETTE M. JOVEN and<br>Supervising EMS/PASu, EMETERIO M. RECTO |
|-------------------|---|



## Names of patrollers and expertise

| Number | Name of forest rangers, other DENR staff and volunteers who will conduct regular patrolling | Position (FR, FT, Forester)                     | Employment status (JO, permanent) | Qualified to conduct patrolling |
|--------|---|---|-----------------------------------|---------------------------------|
| 1      | Don Gibson D. Mercado   | Forester I                                      | Permanent                         | Yes                             |
| 2      | Michael Vencint M. Sualog   | Forest Technician I                             | Permanent                         | Yes                             |
| 3      | Michael Joseph A. Maranan   | Forest Ranger                                   | Permanent                         | Yes                             |
| 4      | Florante G. Fandialan, Jr.  | Forest Ranger                                   | Permanent                         | Yes                             |
| 5      | Randy N. Estrella   | Forest Ranger                                   | Permanent                         | Yes                             |
| 6      | Jerahmeel L. Bronce   | Forest Ranger                                   | Permanent                         | Yes                             |
| 7      | Rica Quennie D. Radovan   | Forest Ranger                                   | Permanent                         | Yes                             |
| 8      | Jonathan L. Telan   | Forest Ranger                                   | Permanent                         | Yes                             |
| 9      | Jake F. Valencia  | Forest Protection Officer                       | JO                                | Yes                             |
| 10     | Eduardson N. Buatis   | Forest Protection Officer                       | JO                                | Yes                             |
| 11     | Tristan Joshua O. Saet  | Forest Protection Officer                       | JO                                | Yes                             |
| 12     | Roderick S. Villanueva  | Park Maintenance Foreman                        | Permanent                         | Yes                             |
| 13     | Sherwin P. Villavicencio  | Forest Ranger                                   | Permanent                         | Yes                             |
| 14     | Rex Aljhon Lacdang  | Park Ranger                                     | JO                                | Yes                             |
| 15     | Leodegario J. Montiano  | Biodiversity Protection Assistant/Field Laborer | JO                                | Yes                             |
| 16     | Celestino Lazo  | Biodiversity Protection Assistant/Field Laborer | JO                                | Yes                             |
| 17     | Arnulfo M. Lazo, Jr.  | Forest Protection Officer                       | JO                                | Yes                             |
| 18     | Michael R. Rocha  | Forest Protection Officer                       | JO                                | Yes                             |
| 19     | Amando Rivamonte, Jr.   | Park Ranger                                     | JO                                |                                 |
| 20     | Ireneo Villanueva   | Biodiversity Protection Assistant/Field Laborer | JO                                | Yes                             |
| 21     | Regie Patulot   | Park Ranger                                     | JO                                | Yes                             |
| 22     | Jerry Sarile  | Biodiversity Protection Assistant/Field Laborer | JO                                | Yes                             |
| 23     | Almer L. Peregrin   | Forest Ranger                                   | Permanent                         | Yes                             |
| 24     | Julius L. Manoos  | Forest Technician I                             | Permanent                         | Yes                             |
| 25     | Elmer Lazarte   | Biodiversity Protection Assistant/Field Laborer | JO                                | Yes                             |
| 26     | Pondador M. Manay   | Park Ranger                                     | JO                                | Yes                             |
| 27     | Restituto M. Labog  | Biodiversity Protection Assistant/Field Laborer | JO                                | Yes                             |
| 28     | Gerald M. Liguit  | Forest Protection Officer                       | JO                                | Yes                             |
| 29     | Emeterio M. Recto   | Supervising ECOMS/PASu                          | Permanent                         | Yes                             |



## Patrol sectors

| Patrol sectors | Name of sitio, barangay, municipality covered by sector   | Approximate area of natural forest in the sector (ha)     | Target threats to be recorded and addressed in the patrol sector   | Target indicator species  |
|----------------|---|---|--|---|
| 1              | Sector 1: All Mangrove forest and patches of Timberlands (including Mount Malindig) within the Municipalities of Moggog, Sta. Cruz, Gasan, Buenavista & Torrijos. | 2,668 has. Mangrove forest and 2,650.29 has. Close forest | Kaingin, timber poaching, cutting of trees slash and burn, small scale mining and wood charcoal making, illegal occupation and wildlife hunting. | Philippine Hawk-Eagle, Northern Hawk, Green Raquet-Tail (Prioniturus lucone), Pink-Bellied, Imperial-Region,  |
| 2              | Sector 2: Protected Area (PA) Balagbag Mountain Ranges (Buenavista, Gasan, Torrijos & Boac)   | 5,622.61 has.   | Kaingin, timber poaching, cutting of trees slash and burn, small scale mining and wood charcoal making, illegal occupation and wildlife hunting. | Blue Naped Parrot, Celestial Monarch, Yellow - breasted fruit-dove, Luzon Hornbill  |
| 3              | Sector 3: Protected Area (PA) Central Mountain Ranges (Torrijos & Boac)   | 4,136.10 has.   | Kaingin, timber poaching, cutting of trees slash and burn, small scale mining and wood charcoal making, illegal occupation and wildlife hunting. | Philippine Warty pig<br>Philippine Deer<br>Serpent Eagle<br>Black Nape Oriole<br>Philippine Macaque<br>Fruit bats<br>Philippine duck<br>Monitored Lizard<br>Civet cat<br>Grass owl<br>Butterfly |
|                |   |   |  |   |

Things to consider when identifying sectors:

Conservation objectives and targets in the Forest Conservation Area Plan

Locations of forest loss, forest degradation and forest enhancement (see map 1)

Number of teams that can be formed

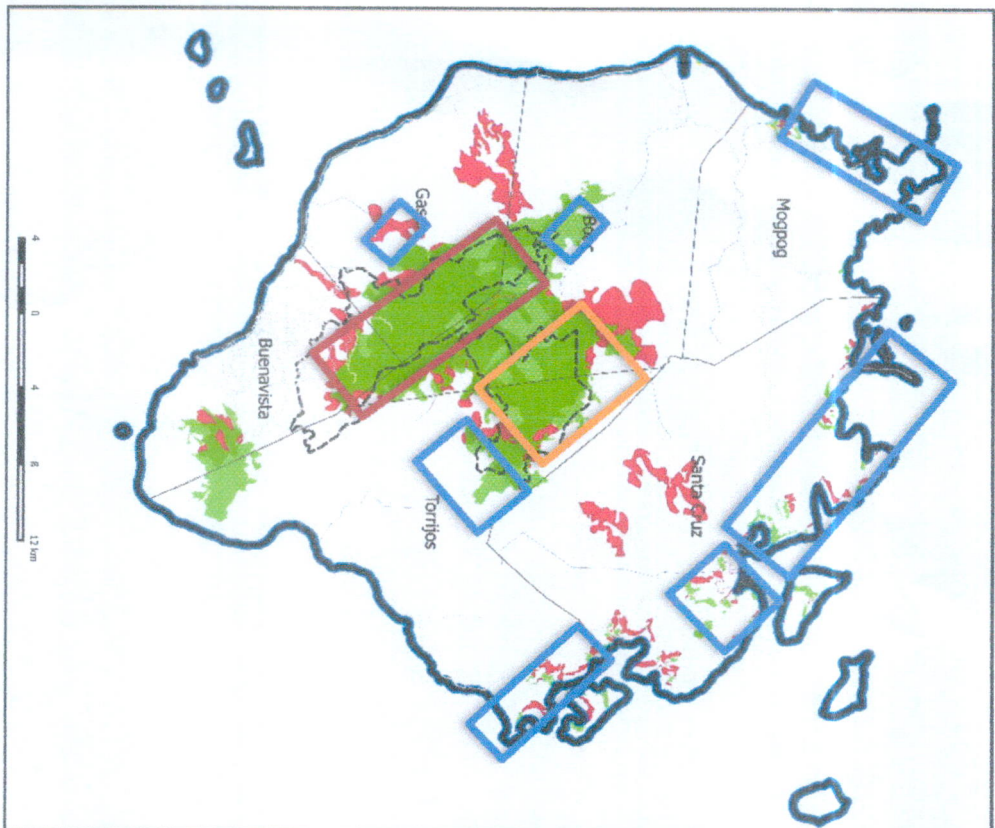






patrol sectors

insert indicative squares/rectangles in the targeted patrol sectors

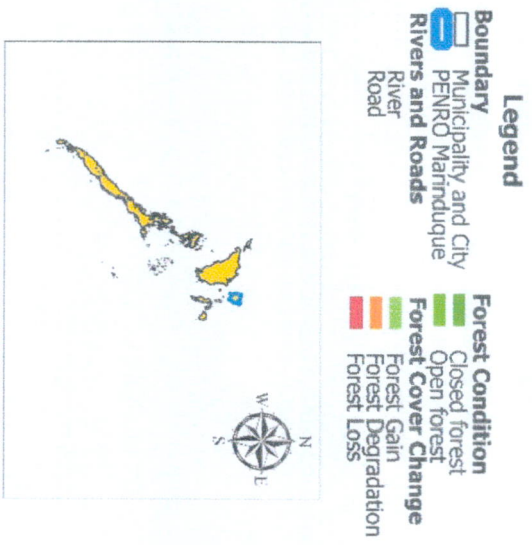


Notes

indicate in the map the planned routes



# Forest Protection Area of PENRO Marinduque



## Data Sources:

PA Boundary: DENR Biodiversity Management Bureau (BMB)  
 Municipal boundary: Global Administrative Boundaries  
 HCVIA: DENR-USAID B+WISER Ecological Assessment Results (2014)  
 Forest Cover Change: NAMRIA (2003-2010)

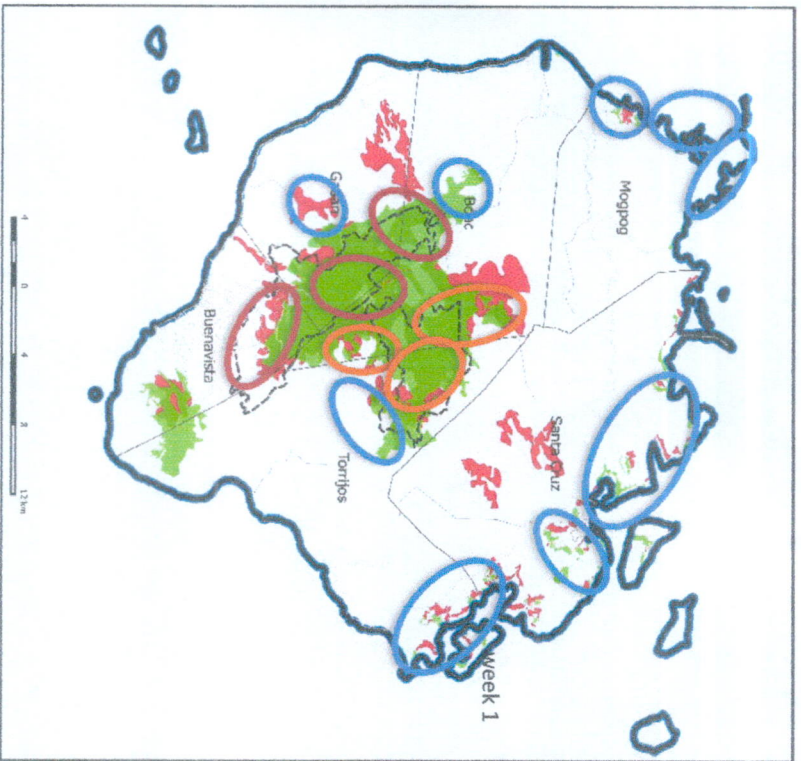
## Disclaimer:

The boundaries and names used on this map do not imply official endorsement or acceptance by the U.S. Government.

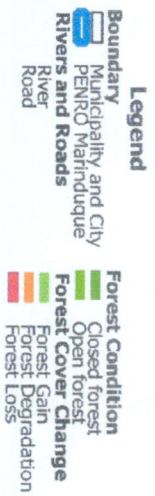


## Patrol map

Insert circles in the targeted patrol area for the entire planning period (quarter) for each team



## Forest Protection Area of PENRO Marinduque



### Data Sources:

PA Boundary: DENR Biodiversity Management Bureau (BMB)  
Municipal boundary: Global Administrative Boundaries  
HCV: DENR-USAID BioWiser Ecological Assessment Results (2014)  
Forest Cover Change: NAMRIA (2003-2010)

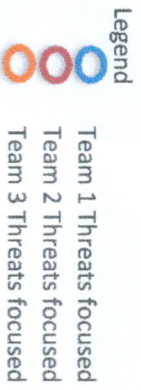
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## Notes

Indicate in the map the planned routes





## Schedule of patrols, teams and routes assignment for the period

| Month        | Week   | Team<br>(indicate<br>number) | Activity/Type of patrol<br>(threats focused or indicator<br>species-focused, or<br>coordination/response) | Specific routes (name sector<br>number and specific sitio or<br>barangay and municipality) | Target<br>distance<br>(km) |
|--------------|--------|------------------------------|---|--|----------------------------|
| July         | Week 2 | Team 1                       | Threats focused   | Sector 1: Brgy. Catubugan and Mainit, Boac, Marinduque                                     | 5.00                       |
| July         | Week 2 | Team 2                       | Threats focused   | Sector 2: Malibago, Torrijos to Bagtingon (Buenavista, Marinduque.                         | 5.00                       |
| July         | Week 2 | Team 3                       | Threats focused   | Sector 3: Canat, Hinapulan, Boac, Marinduque.  | 5.00                       |
| July         | Week 3 | Team 1                       | Threats focused   | Sector 1: Brgy. Hinapulan, Boac, Marinduque  | 5.00                       |
| July         | Week 3 | Team 2                       | Threats focused   | Sector 2: Balagbag Mountain Ranges (Buenavista, Gasan, Torrijos & Boac)                    | 5.00                       |
| July         | Week 3 | Team 3                       | Threats focused   | Sector 3: Brgy. Binunga, Canat, Boac   | 5.00                       |
| August       | Week 2 | Team 1                       | Threats focused   | Sector 1: Brgy. Ipil, Kamandugan and Kasily, Sta. Cruz                                     | 5.00                       |
| August       | Week 2 | Team 2                       | Threats focused   | Sector 2: (Tabionan, and Antipolo, Gasan   | 5.00                       |
| August       | Week 2 | Team 3                       | Threats focused   | Sector 3: Boi, Canat, Boac, Marinduque   | 5.00                       |
| August       | Week 3 | Team 1                       | Threats focused   | Sector 1: Brgy. Mabuhay, Suha and Kayduke, Torrijos, Marinduque                            | 5.00                       |
| August       | Week 3 | Team 2                       | Threats focused   | Sector 2: Brgy. Tigui, Gasan   | 5.00                       |
| August       | Week 3 | Team 3                       | Threats focused   | Sector 3: Central Mountain Ranges (Torrijos & Boac)  | 5.00                       |
| September    | Week 2 | Team 1                       | Threats focused   | Sector 1: Brgy. Biga, Tawiran and Aloba, Sta. Cruz   | 5.00                       |
| September    | Week 2 | Team 2                       | Threats focused   | Sector 2: Bagtingon, Buenavista and Tambunan, Boac, Marinduque                             | 5.00                       |
| September    | Week 2 | Team 3                       | Threats focused   | Sector 3: Brgy. Boi and Bayuti, Boac.  | 5.00                       |
| September    | Week 3 | Team 1                       | Threats focused   | Sector 1: Brgy. Mabuhay, Suha and Kayduke, Torrijos  | 5.00                       |
| September    | Week 3 | Team 2                       | Threats focused   | Sector 2: Balagbag Mountain Ranges (Buenavista, Gasan, Torrijos & Boac)                    | 5.00                       |
| September    | Week 3 | Team 3                       | Threats focused   | Sector 3: Brgy. Canat, Boi, Boac   | 5.00                       |
| <b>Total</b> |        |                              |   |  | <b>90.00</b>               |

### Notes

Patrolling includes preparatory activities such as coordinating with LGUs and other authorities, data syncing, preparing for responses  
Consult map2 when doing this

Types of patrols: threats focused and indicator species-focused

If there are less than five teams, erase the extra number of teams in the matrix