



Republic of the Philippines
Department of Environment and Natural Resources
Provincial Environment and Natural Resources Office
MIMAROPA Region

Bgy. Sta. Monica, Puerto Princesa City, Palawan

E-mail: penropalawan@denr.gov.ph

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DENR MIMAROPA RECORDS SECTION
RECEIVED
18 JAN 2023
☒ INCOMING ☐ OUTGOING
DATE NO.

January 09, 2023

MEMORANDUM

FOR : The Regional Executive Director
DENR MIMAROPA
1515 DENR By the Bay Bldg., Roxas Boulevard,
Barangay 668, Ermita Manila

THRU : The OIC, Assistant Regional Director for Technical Services

FROM : The Provincial Environment and
Natural Resources

SUBJECT : **REPORT ON THE MONITORING OF FLYING FOXES
ROOSTING SITE WITHIN PUERTO PRINCESA CITY**

Forwarded is the memorandum dated December 23, 2022 from CENRO Puerto Princesa City along with the report of the Conservation and Development Section personnel dated December 19, 2022 regarding the conducted inspection and monitoring on November 16, 2022 In coordination with LGU of Barangay San Pedro and interview with nearby residents to gather information at the reported area in Socrates Road, Purok Bagong Silang, Bgy. San Pedro, where flying foxes were observed. .

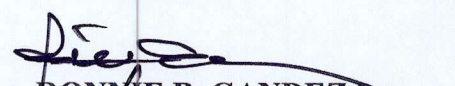
During the monitoring the Team observed fruit bats roosting in five tree species: three (3) Gatasan Layugan (*Garcinia polyantha*), one (1) Bangkal (*Nauclea orientalis*) and one (1) Rain tree (*Samanea saman*). Estimated total count of three thousand (3,000) flying foxes identified as Large Flying Foxes (*Pteropus vampyrus*) in colored and dark morphs. The said roosting site was the first documented within the city proper and possibly the flying foxes came from Bat Island in Honda Bay.


Attached are the photo documentation and map of the roosting site.

For information and record.



"For the PENRO"


RONNIE B. GANDEZA
DMO IV/OIC-CHIEF TSD
In Charge Office of the PENRO

DENR-PALAWAN
PENRO-RECORDS
RELEASED
By 
Date 10 JAN 2023 CN 23-00



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COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
PUERTO PRINCESA
South National Highway, Sta. Monica, Puerto Princesa City, Palawan
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December 23, 2022


MEMORANDUM

FOR : The Provincial Environment and
Natural Resources Officer
Puerto Princesa City

FROM : The OIC-Community Environment and
Natural Resources Officer
Puerto Princesa City

SUBJECT : **REPORT ON MONITORING OF FLYING FOXES
ROOSTING SITE WITHIN PUERTO PRINCESA CITY**

**DENR PENRO
PALAWAN RECORDS
RECEIVED**

BY: 
DATE: 12-28-2022 11:24

Forwarded is the report of the Conservation and Development Section (CDS) regarding the monitoring of flying oxes roosting site within Puerto Princesa City.

Please be informed that on November 16, 2022, the CDS personnel conducted inspection and monitoring at the area located at Socrates Road, Purok Bagong Silang, Barangay San Pedro, Puerto Princesa City in response to the social media (Facebook) post regarding the incident of large number of bats observed within the City proper. Coordination with the LGU Barangay San Pedro and interview of residents nearby were undertaken to gather information on the incident.

Flying foxes were observed roosting in the following tree species: three (3) Gatasan-Layugan (*Garcinia polyantha*), one (1) Bangkal (*Nauclea orientalis*) and one (1) Rain tree (*Samanea saman*). Through the conduct of direct roost count, an estimated total count of three thousand (3,000) individuals of flying foxes identified as Large Flying Foxes (*Pteropus vampyrus*) in colored and dark morphs within the identified roosting trees. The said roosting site was the first documented roosting site within the city proper and the flying foxes possibly came from Bat Island in Honda Bay.

Concurring with the following recommendations to be undertaken to support the protection and conservation of flying foxes within Puerto Princesa City:

1. Conduct of Communication, Education and Public Awareness (CEPA) activities within Barangay San Pedro and nearby barangays in Puerto Princesa City to raise more awareness on Flying Foxes conservation and its importance;
2. Conduct of Flyout Count or Evening Dispersal Count by counting flying foxes moving away from the roosts at early dusk;



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3. Survey and Mapping of other roosting and foraging areas within Puerto Princesa City proper; and
4. To build linkages with LGU Barangay, City ENRO and PCSDS in the protection and conservation of flying foxes.

For information and record.


PEDRO A. VELASCO

DENR MIMAROPA REGION
CENRO PUERTO PRINCESA

RELEASED

NO:

DATE: 12-27-22

BY:



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December 19, 2022

MEMORANDUM

FOR : The OIC-Community Environment and Natural Resources Officer
Puerto Princesa City

FROM : The Conservation and Development Section

SUBJECT : **REPORT ON MONITORING OF FLYING FOXES ROOSTING SITE WITHIN PUERTO PRINCESA CITY**

In response to the reported incident of large number of bats observed flying at day time within Puerto Princesa City, the Conservation and Development Section (CDS) personnel conducted inspection and monitoring on November 16, 2022 at the reported area where flying foxes are observed.

The said incident of large number of bats observed within the City proper was posted in social media (Facebook) and was reported to the office through the undersigned, Sr. EMS/Chief, CDS Ma. Vivian O. Soriano. The following comments of the netizens in post were noted:

1. There must be a disturbance from where the bats came from as they are seeking shelter away from their roost;
2. The site could be temporary and we cannot say when the bats would leave; and
3. To ensure that the bats and the people were remain safe while the bats remain close to human habitation and to monitoring/inspection in the area.

Prior to the monitoring activity, the office had coordinated with the LGU Barangay San Pedro through Kagawad Rey Tabang to gather information on the incident. Some details were provided including the exact location which is at Socrates Road, Purok Bagong Silang, Barangay San Pedro, Puerto Princesa City, specifically at the area of RMC Lodge before.

During the monitoring, the DENR Team observed the fruit bats or flying foxes roosting in five tree species within the area owned by Mr. Arthur Chu covering three (3) hectares. Three (3) Gatasan-Layugan (*Garcinia polyantha*), one (1) Bangkal (*Nauclea orientalis*) and one (1) Rain tree (*Samanea saman*) were identified as the roosting trees of flying foxes.

Some residents near the roosting site were interviewed by the Team. According to Mr. Bernard Maquipoten, the caretaker of the area who have stayed at the area for about



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one (1) year, he has observed incident of hunting of flying foxes using air gun. Ms. Wilma Genayogo, also a resident near the area was also interviewed. According to her, she has observed the Flying Foxes at the area sometime in August 2021. After Typhoon Odette struck the City particularly in January 2022, the Flying Foxes left the area and in August 2022, about a year after, the Flying Foxes came back at the area until the current time. Further, Ms. Genayogo informed the Team that there was an incident that he caught (4) individuals hunting Flying Foxes at the area and she reported the incident to the police. The said individuals are resident of Buncag in Barangay Mandaragat, Puerto Princesa City. She is very vigilant in protecting the area to conserve the said wildlife species.

The roosting area is located near mangrove area and also near the road and some houses in area. Its location near road and houses is possibly the reason of the disturbance and cause of day time flying.

The said roosting site was the first documented roosting site within the city proper. The flying foxes observed at the said area are identified as Large Flying Foxes (*Pteropus vampyrus*) in colored and dark morphs. The identification was confirmed by Ms. Lisa J. Paguntalan of Philippines Biodiversity Conservation Foundation, Inc. (PBCFI) through the photos sent to her. The said flying foxes possibly came from Bat Island in Honda Bay.

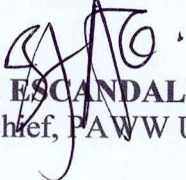
Through the conduct of direct roost count, the team recorded an estimated total count of three thousand (3,000) individuals of Large Flying Foxes within the identified roosting trees.

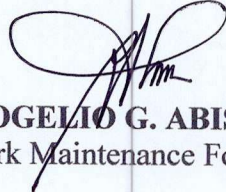
Furthermore, the following activities are recommended to be undertaken as part of the protection and conservation of flying foxes within Puerto Princesa City:

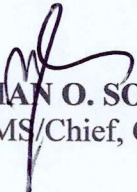
1. Conduct of Communication, Education and Public Awareness (CEPA) activities within Barangay San Pedro and nearby barangays in Puerto Princesa City to raise more awareness on Flying Foxes conservation and its importance;
2. Conduct of Flyout Count or Evening Dispersal Count by counting flying foxes moving away from the roosts at early dusk
3. Survey and Mapping of other roosting and foraging areas within Puerto Princesa City proper; and
4. To build linkages with LGU Barangay, City ENRO and PCSDS in the protection and conservation of flying foxes.

Attached are the photo documentation and map of the roosting site.

For information and record.


JESSIE M. ESCANDALIO
Forester I/Chief, PAWW Unit


ROGELIO G. ABISON
Park Maintenance Foreman


MA. VIVIAN O. SORIANO
Sr. EMS/Chief, CDS



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Photos taken during the conduct of the Flying Foxes monitoring on November 16, 2022





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Geotagged photos showing the roosting site of flying foxes taken during the conduct of onsite inspection/ monitoring on November 16, 2022





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Photos showing the conduct of interview with the caretaker of private land on November 16, 2022





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Photos showing the roosting site of flying foxes taken during the conduct of onsite inspection/ monitoring on November 16, 2022





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Photos taken during the conduct of the interview with the caretaker of one the private land conducted on November 16, 2022.





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Photos showing the monitoring and assessment team.





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Photos taken during the conduct of the interview with the caretaker of one the private land conducted on November 16, 2022.

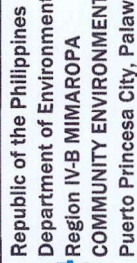




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Photos showing the identified Flying foxes (Colored and Dark Morphs Large Flying Foxes (*Pteropus vampyrus*) taken during the conduct of monitoring of roosting site located at Socrates Rd. Barangay San Pedro, PPC on November 16, 2022.





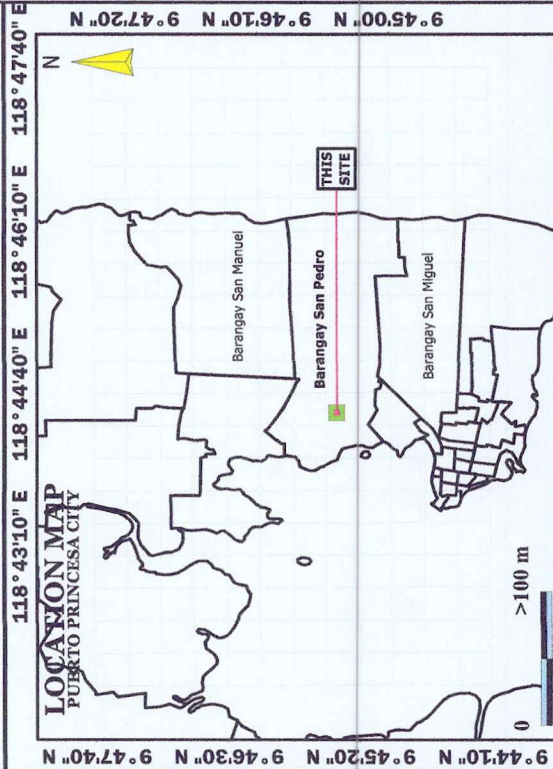
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Puerto Princesa City, Palawan

Identified Flying Foxes Roosting Site

Located at
Barangay : San Pedro
Municipality/City : Puerto Princesa
Province : Palawan

World Geodetic 1984 (WGS84)
Universal Transverse Mercator - Zone 50 (N)
1 cm : 7.64 m

Date Monitored: November 16, 2022



LEGEND

Alienable and Disposable/R.A 9145/JULY 30, 2001
LC No.203 Project-1/December 29,1923
Tax Map (PPC)

