



Republic of the Philippines
Department of Environment and Natural Resources
Region IV- MIMAROPA
COMMUNITY ENVIRONMENT AND NATURAL RESOURCES OFFICE
Barangay III (Poblacion), Roxas, Palawan
Contact No. 09171606578 / 09175028647
Email address: cenroroxaspalawan@denr.gov.ph

July 14, 2021

MEMORANDUM

FOR : The Regional Executive Director
DENR MIMAROPA

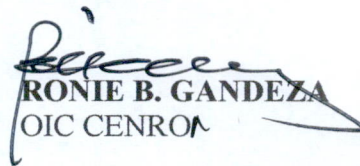
THRU : The Provincial Environment and Natural Resources Officer
Puerto Princesa City

FROM : The Community Environment and Natural Resources Officer
Roxas, Palawan

SUBJECT : **IDENTIFICATION OF FLYING FOX ROOSTING SITE AND
CONDUCT OF POPULATION COUNT IN BARANGAY PORT
BARTON, SAN VICENTE, PALAWAN**

Respectfully submitted is the report of Conservation and Development Section (PAWCZMS) of CENRO-Roxas, Palawan on the abovementioned subject.

Attached are exit count data sheet, roost characteristic data sheet, species abundance data sheet, geotagged photographs of the activity, and location map.


RONIE B. GANDEZA
OIC CENRO

DENR-CENRO ROXAS
RELEASED
DATE: JUL 19 2021
BY: [Signature]
DOC. NO. 2021-17-847



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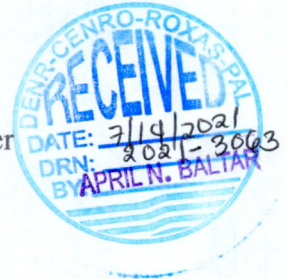
July 12, 2021

MEMORANDUM

FOR : The Community Environment and Natural Resources Officer
Roxas, Palawan

FROM : The Undersigned

SUBJECT : **IDENTIFICATION OF FLYING FOX ROOSTING SITE AND
CONDUCT OF POPULATION COUNT IN BARANGAY PORT
BARTON, SAN VICENTE, PALAWAN**

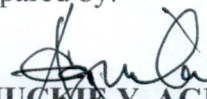


The undersigned identified a flying fox roosting site and conducted a flyout count in Sitio Cata, Barangay Port Barton, San Vicente, Palawan last July 6, 2021.


The roosting site identified is a mangrove area beside the Cata River. Fly out started at 6:25 in the evening when the sun started to set and ended at 6:44 in the evening. A total of seven hundred forty-three (743) flying foxes were counted which went to northwest direction. This direction, according to a local, is where fruit-bearing trees are abundant. The species roosting in this area is Large Flying Fox (*Pteropus vampyrus*). It was observed that these flying foxes roost in species of *Rhizophora*.

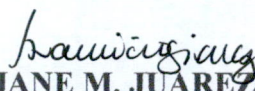
Attached are exit count data sheet, roost characteristic data sheet, species abundance data sheet, geotagged photographs of the activity, and location map.

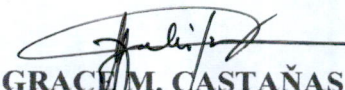
Prepared by:


CHUCKIE Y. AGUILOS
Forest Technician I


RINALES L. JUSOS
Forest Technician I


KARL ARNES H. SUMANDAL
Forest Technician II


JANE M. JUAREZ
ECOMS I


GRACE M. CASTAÑAS
ECOMS II

Noted by:


RENSY L. MAGDAYAO
Forester II, CDS Chief

BAT COUNT PHILIPPINES – EXIT COUNT DATA SHEET

Counter's name: <i>Chuckie Y. Aguilos, Rinades L. Jusos, Karl Aries H. Sumandal, Jane M. Juarez, and Grace M. Castañas</i>		Date of count: <i>July 6, 2021</i>	Weather: <i>Quite shady</i>	Location (island, general area): <i>Mangrove area in Sitio Cata, Barangay Port Barton</i>	
Counter location (description with landmarks): <i>Cata River mouth</i>		Counter location (lat/long) and counting direction: <i>Lat 10°23'38" N Long 119°8'41" E</i>		Other counters counting the SAME part of the sky as you: <i>none</i>	
Start time (first bat flying): <i>6:25 PM</i>	Stop time: <i>6:44 PM</i>	Reason for stopping (e.g. too dark, no more bats): <i>No more bats</i>	Flow of bats at stopping point (e.g. light, medium, heavy): <i>light</i>	Number of bats counted in the last minute of the count period: <i>12</i>	
Number on your counter at end of count: <i>148</i>		Counting interval (s) (e.g. by 1, 10, 50): <i>5</i>		Total number of bats counted (please show math): <i>743</i>	
Reliability of estimate (i.e., problems encountered): <i>None</i>			Describe exit pattern (e.g. dispersed, in a tight column): <i>Tight column</i>	Direction bats were flying (using compass bearing, describing landmarks, etc.): <i>Northwest direction</i>	

ROOST CHARACTERISTICS DATA SHEET

Date: July 6, 2021

Roost location (island, general area): <i>Mangrove area, Sitio Cata</i>	Nearest barangay/town: <i>Barangay Caruray, San Vicente, Palawan</i>	Lat/Long of roost:
		Altitude of roost: <i>3 m</i>
How close can the roost be approached: <i>As close as 10 meters away</i>	Estimate percentage of roost perimeter which can be accessed: <i>50%</i>	Describe bats' reaction to approach of researchers: <i>None</i>
Describe roosting pattern (clumped/with satellites?):	Describe roost trees/vegetation (type, condition, species roosting differences): <i>Rhizophora sp.</i>	Describe signs of human access (e.g. trails, garbage, hunting information):
# trees within roosting area above 5 meters tall:	# dead trees above 5 m:	# trees with roosting bats:
Estimate area containing roosting bats:	Topography (e.g. ridge, upper slope, orientation of slope, valley bottom):	Nearness to river and description (e.g. width, gradient): <i>Beside the Cata River which is around 30 meters in width</i>
Distance to ocean/ sea: <i>50 meters</i>	Human settlements (how close, how many): <i>1.5 kilometers</i>	Roost permanent or changing? Temporal pattern of change? Location of alternative roost sites? <i>permanent</i>
Travel directions and transit time: <i>Northwest, 5 minutes</i>	Contacts:	

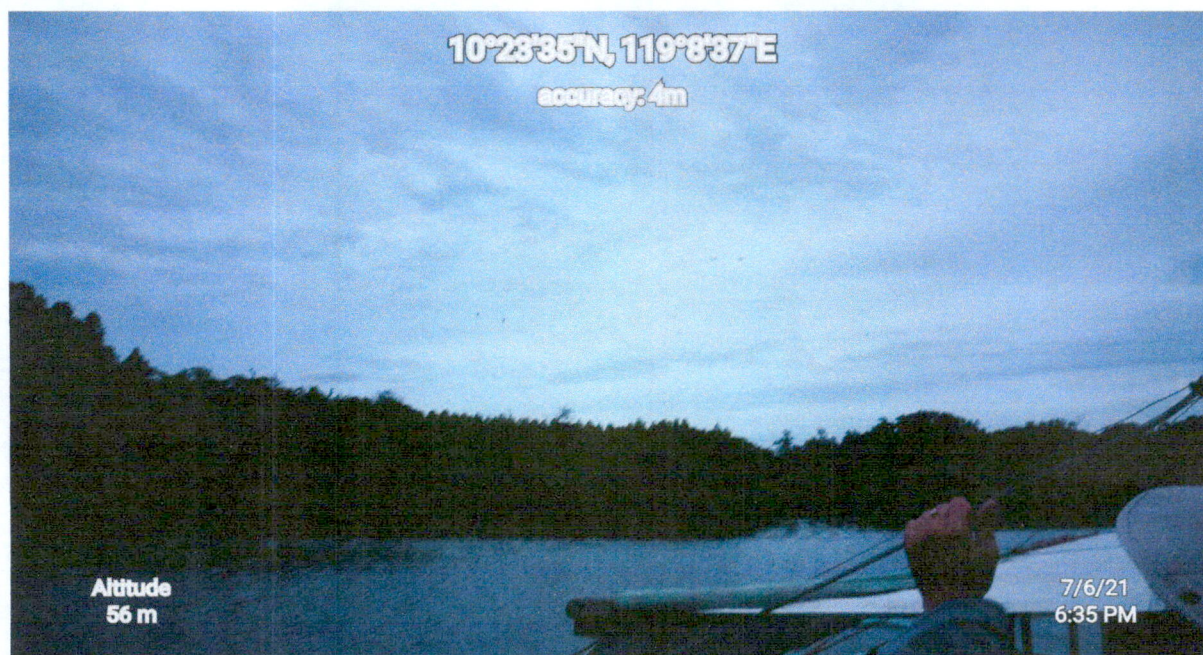
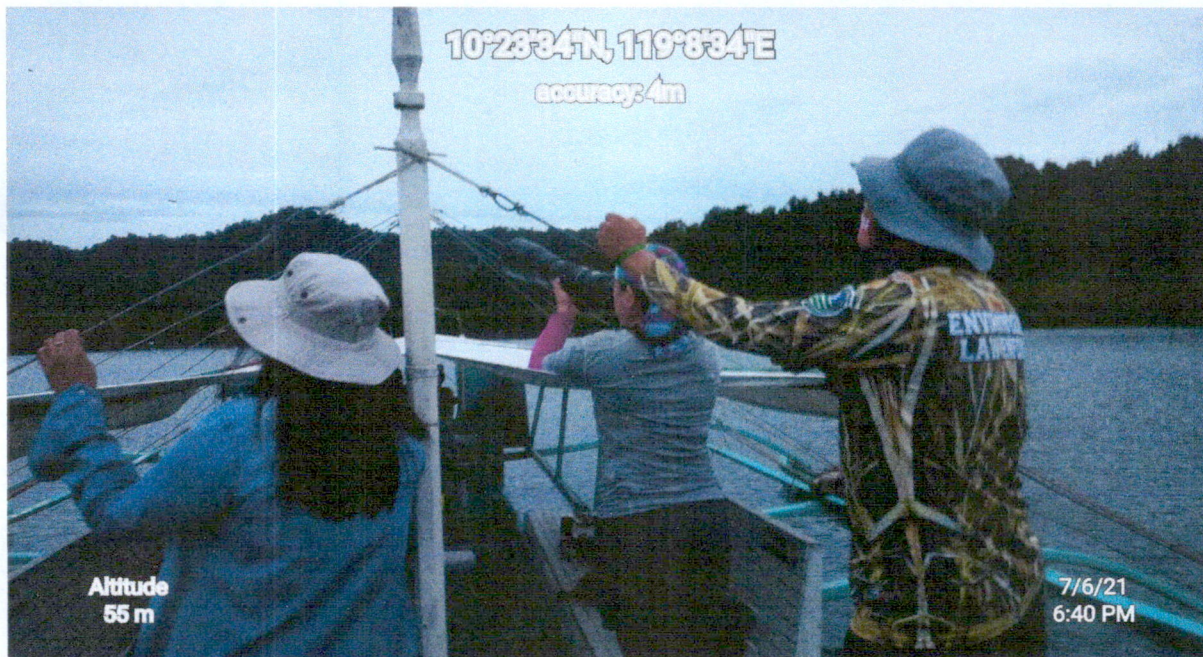
SPECIES ABUNDANCE DATA SHEET

Counter name(s): <i>Chuckie Y. Aguilos, Rinades L. Jusos, Karl Aries H. Sumandal, Jane M. Juarez, and Grace M. Castañas</i>				Date and time of count: <i>July 6, 2021 6:25 PM-6:44 PM</i>		Roost area (name of area, island): <i>Mangrove area, Sitio Cata, Barangay Port Barton</i>	
View # / total: <i>743</i>		Observer location lat/long: <i>Lat 10°23'38" N Long 119°8'41" E</i>			View description:		
Tree description (sp.)	Distance to tree (m)	Height (m)	Total # of bats	# <i>Acerodon jubatus</i>	# <i>Pteropus vampyrus</i>	# <i>Pteropus hypomelanus</i>	Comments (reliability, # unidentified, any duplicate counters):
<i>Rhizophora sp.</i>	<i>0 m</i>	<i>5 m</i>	<i>743</i>		<i>743</i>		



PHOTO DOCUMENTATION

Flying Fox monitoring at Port Barton, San Vicente, Palawan





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Flying Fox monitoring at Port Barton, San Vicente, Palawan



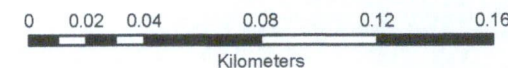


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MAP SHOWING THE FLYING FOX
 ROOSTING SITE LOCATED AT SITIO
 CATA, BARANGAY PORT BARTON,
 SAN VICENTE, PALAWAN

Legend

- FLYING FOX ROOSTING SITE
- World Boundaries and Places
- World Imagery
- Low Resolution 15m Imagery
- High Resolution 60cm Imagery
- High Resolution 30cm Imagery



SCALE 1:2,500

Digitized by:

CHUCKIE Y. AGUILOS
 Forest Technician I

Checked and Verified by:

RENSY L. MAGDAYAO
 Chief CDS

Noted by:

RONIE B. GANDEZA
 OIC-CENRO

